ORDER NO. RD 81031835C1

Service Manual

Radio Cassette

RX-7000/©

FM/AM/FM STEREO RADIO CASSETTE

■ SPECIFICATIONS

General:

Power Source:	AC 100~110/115~127/200~220/230~250V 50/60Hz or 15V (Ten "D" size Flashlight Batteries) (Panasonic UM-1 or equivalent) Car/boat battery: with Optional Car/boat adaptor, RP-9550
Power Consumption:	29W (AC only)
Power Output:	RMS Max 22W (11W × 2)
Speakers:	Woofer: 16cm ($6^{5}/_{16}$") PM Dynamic speaker 3Ω Tweeter: 5cm (2") PM Dynamic speaker 4Ω
Input:	MIC: sensitivity 0.13mV (microphone impedance 200~600Ω) MIXING MIC: sensitivity 0.5mV (microphone impedance 200~1000Ω) LINE IN: sensitivity 100mV (impedance 47kΩ over) PHONO: sensitivity 2.5mV (impedance 47kΩ over) PHONO EARTH EXT ANT: FM, 75Ω unbalanced type/AM
Output:	LINE OUT: standard output 420mV (impedance 4.7kΩ under) EXT SP: impedance 3~8Ω HEADPHONES: impedance 8Ω
Dimensions:	560(W) × 333(H) × 176(D) mm ($22 \times 13^{1}/_{8} \times 6^{15}/_{16}$)"
Weight:	8kg (17 lb 10 oz) without battery

Radio Section:

Frequency Range:	FM: 88~108MHz AM: 525~1610kHz
Intermediate Frequency:	FM: 10.7MHz AM: 455kHz
Sensitivity:	FM: 1.8μV for 50mW output AM: 60μV/m for 50mW output

Tape Deck Section:

Frequency Response:	30~12,000Hz (Normal) 30~14,000Hz (FeCr) 30~14,000Hz (CrO_2) 30~17,000Hz (Metal)
Wow and Flutter:	0.05% (WRMS)
Motor:	Electrical governor motor
Recording System:	AC bias (68kHz)
Erasing System:	AC erase
Track System:	4-track 2-channel stereo recording and playback
Mixing System:	Mixing playback and recording
Tape Speed:	4.8cm/sec ($1^{7}/_{8}$ ips)
Program Time:	1 hour with C-60 cassette tape

Specifications are subject to change without notice.
Weights and dimensions shown are approximate.
(Les poids et dimensions mentionnes sont approximatifs.)

Panasonic®

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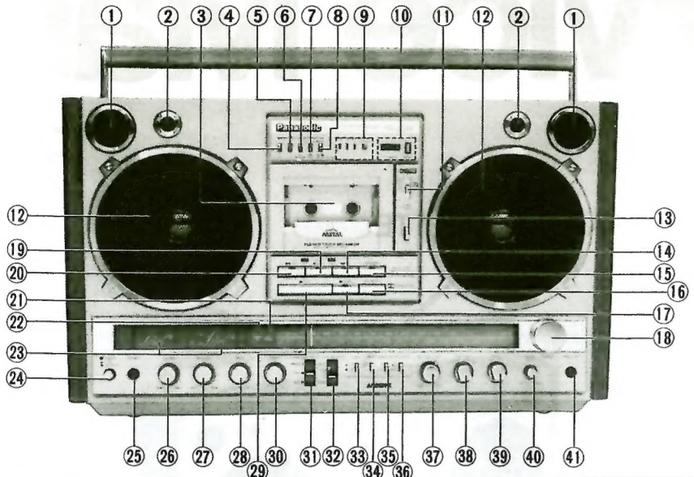
LOCATION OF CONTROLS AND COMPONENTS



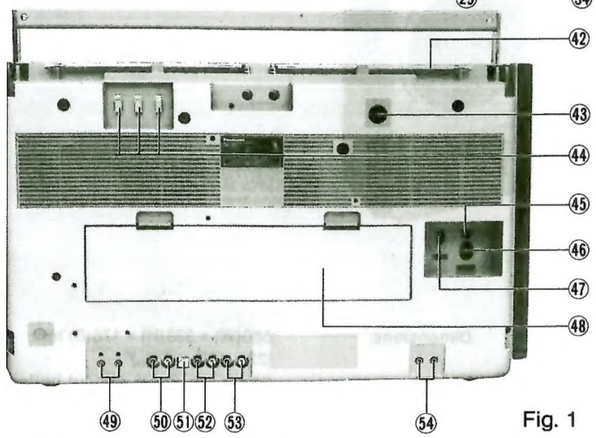
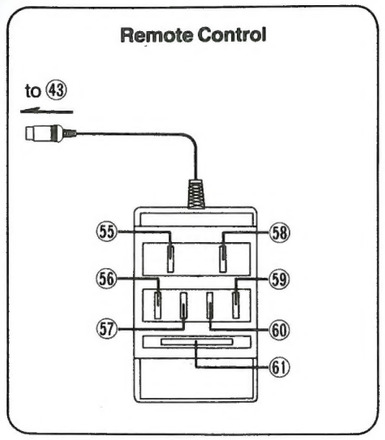


Fig. 1



① Speakers (Tweeter), 5cm (2"), 4Ω
② Built-in Microphones (MIC)
③ Cassette Compartment
④ Auto Operation "OFF" Button (OFF)
⑤ Tape Program Sensor (TPS) Button (TPS)
⑥ One Program Button (ONE PROGRAM)
⑦ One Side Button (ONE SIDE)
⑧ Repeat Button (REPEAT)
⑨ TPS Selector and Indicator [TPS (PROGRAM/1, 2, 3)]
⑩ Tape Counter and Reset Button (COUNTER/RESET)
⑪ Timer Standby Selector (TIMER STANDBY)
⑫ Speakers (Woofer), 16cm (6 5/16"), 3Ω
⑬ Eject Button (EJECT)
⑭ Fast Forward Button and Indicator (▶▶FF)
⑮ Record Button and Indicator (o RECORD)
⑯ Record Muting Button (REC MUTE)
⑰ Pause Button and Indicator (⏸ PAUSE)
⑱ Radio Tuning control (TUNING)
⑲ Play Button and Indicator (▶PLAY)
⑳ Rewind Button and Indicator (◀◀REW)
㉑ FM Stereo Indicator (FM STEREO)
㉒ Dolby Noise Reduction Indicator (DOLBY NR)
㉓ Meter (Battery/Tuning/Level)
㉔ Power Button and Indicator (POWER)
㉕ Headphone Jack (PHONES)
㉖ Volume Control (VOLUME)
㉗ Balance Control (BALANCE)
㉘ Bass Control (BASS)
㉙ Stop Button (■ STOP)
㉚ Treble Control (TREBLE)
㉛ Mode Selector/Beat Proof Switch (AMBIENCE I /STEREO II /MONO I)
㉜ Tape Selector (TAPE SELECTOR)
㉝ Light Button (LIGHT)
㉞ Meter Selector (TUNE, BATT/LEVEL)
㉟ Dolby Noise Reduction Switch (IN/OUT)
㊱ Recording Mode Selector (EASYMATIC/MANUAL)
㊲ Recording Level Control (REC LEVEL L—◉—R)
㊳ Function Selector (TAPE/RADIO/PHONO/LINE)
㊴ Band Selector (FM/AM)
㊵ Mixing Level Control (MIXING LEVEL)
㊶ Mixing Microphone Jack (MIXING MIC), 0.5mV, 200~1000Ω
㊷ Telescopic Antenna
㊸ Remote Control Jack (REMOTE)
㊹ External Antenna Terminals
AM ANT FM ANT
㊺ DC Input Jack [DC IN 13.2V (12~15) ⊖—◉—⊕]
㊻ AC Socket (AC IN ~)
㊼ Voltage Selector (VOLTAGE SELECTOR)
㊽ Battery Compartment
㊾ Microphone Jacks (MIC), 0.13mV, 200~600Ω
㊿ Phono Magnetic Cartridge Input Jacks (PHONO), 2.5mV, 47kΩ over
(51) Phono Earth Terminal (EARTH)
(52) Line Input Jacks (LINE IN), 100mV, 47kΩ over
(53) Line Output Jacks (LINE OUT), 420mV, 4.7kΩ under
(54) External Speaker Jacks (EXT SP 3~8Ω)

Remote Control

(55) Pause Button [PAUSE]
(56) Rewind Button [REW]
(57) Play Button [PLAY]
(58) Record Muting Button [REC MUTE]
(59) Record Button [REC]
(60) Fast Forward Button [FF]
(61) Stop Button [STOP]

DISASSEMBLY INSTRUCTIONS

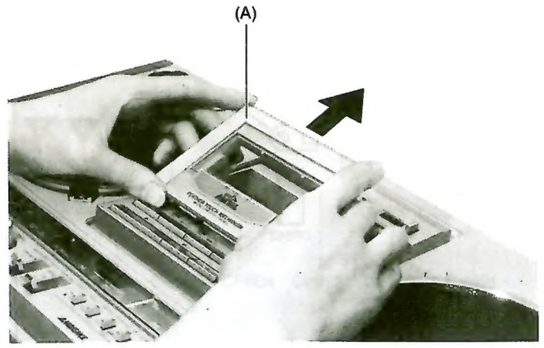


Fig. 2

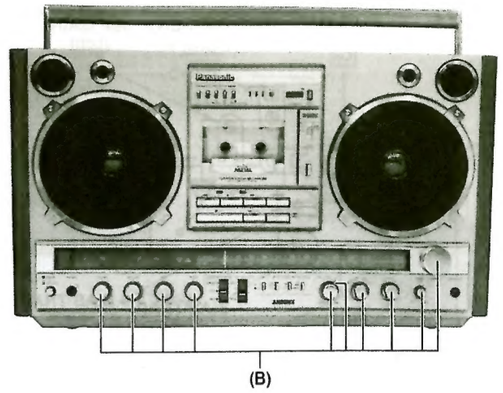


Fig. 3

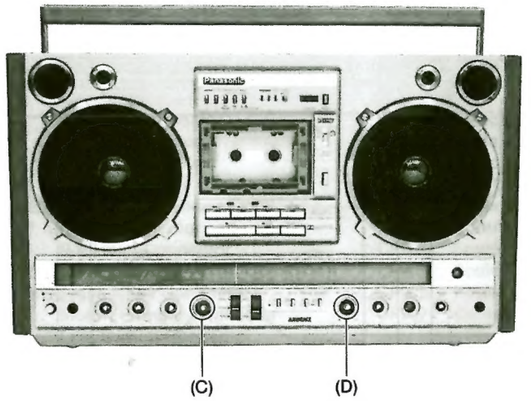


Fig. 4

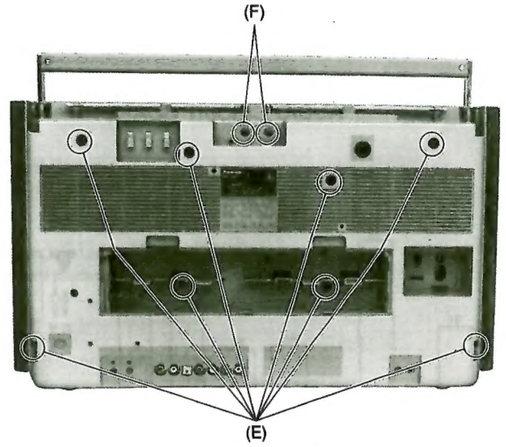


Fig. 5

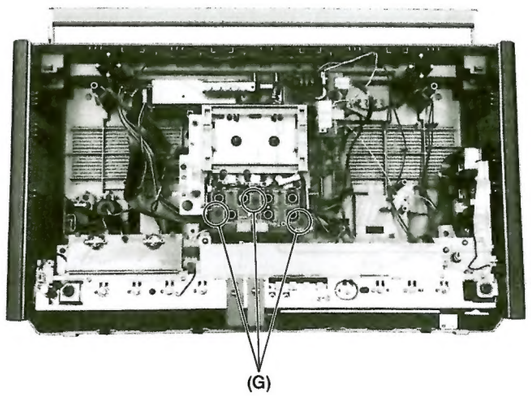


Fig. 6

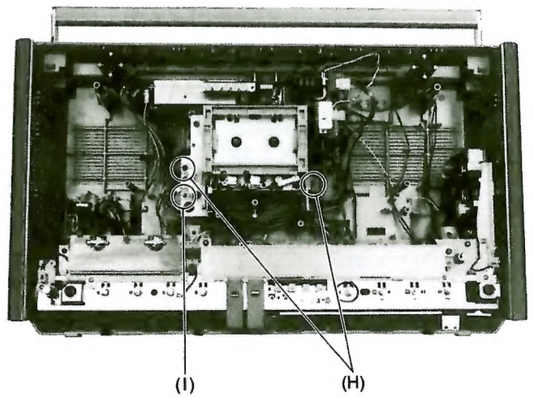


Fig. 7

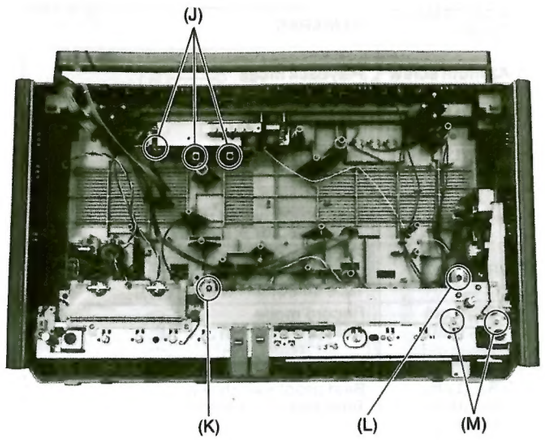


Fig. 8

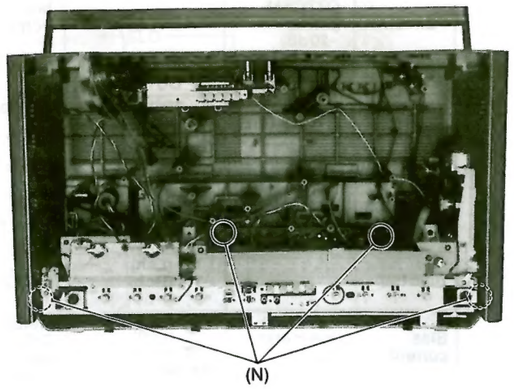


Fig. 9

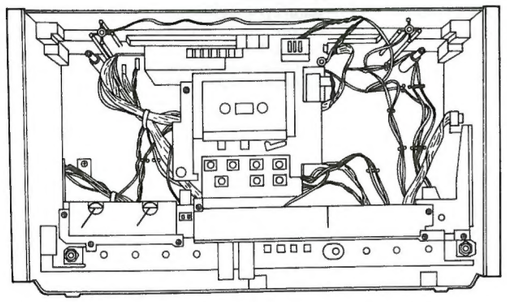


Fig. 10

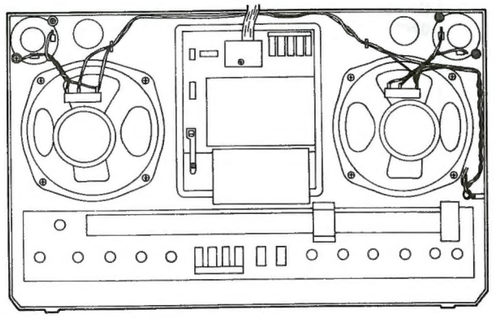


Fig. 11

Procedure	To remove	Remove	Shown in Fig.
1	Front Cabinet	Remove the cassette panel in the direction of arrow. . . . . (A) × 1	2
2		Knobs . . . . . (B) × 10	3
3		Nut (8ø) . . . . . (C) × 1	4
4		Nut (9ø) . . . . . (D) × 1	4
5		Screws (3.5 × 50) . . . . . (E) × 8	5
6	Telescopic Antenna	Screws (3 × 16). . . . . (F) × 2	5
7	Switch Circuit Board	Red Screws (3 × 12). . . . . (G) × 3	6
8	Mechanism	Red Screws (3 × 12). . . . . (H) × 2	7
9		Screw (3 × 8) . . . . . (I) × 1	7
10	Control Circuit Board	Red Screws (3 × 12) . . . . . (J) × 3	8
11	Dial chassis	Screw (3 × 12). . . . . (K) × 1	8
12		Red Screws (3 × 12) . . . . . (L) × 1	8
13		Screws (3 × 8) . . . . . (M) × 2	8
14	Chassis	Red Screws (3 × 12). . . . . (N) × 4	9

Notes
1. Arange the leadwires as shown in fig. 10 & 11.
2. After replace the head, arange the leadwires as shown in fig. 12.

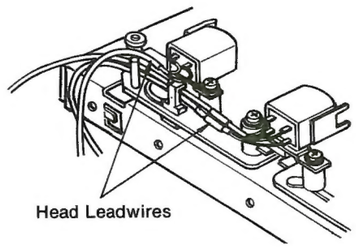


Fig. 12

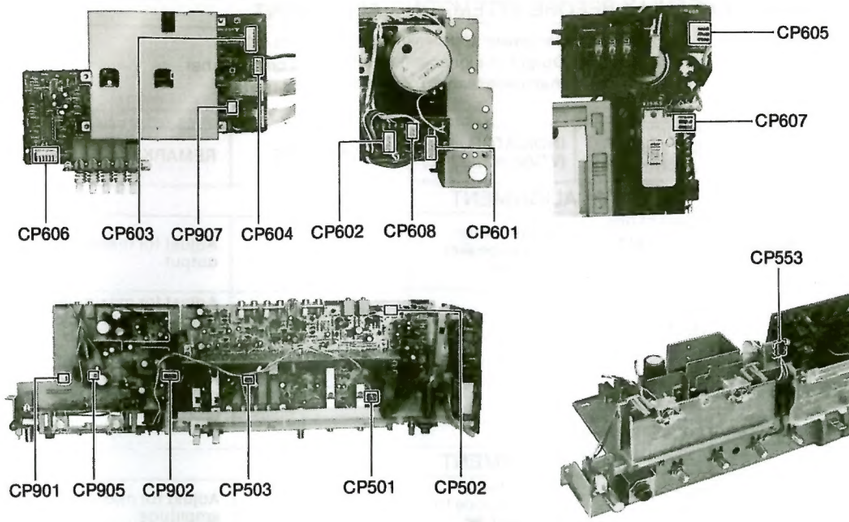


Fig. 13

CP1: Antenna Connector
CP2: Radio Connector
CP3: Radio Connector
CP501: LED Connector
CP502: Built-in Microphone Connector
CP503: Meter Connector
CP551: R/P Head Connector
CP552: Control Circuit Board Connector
CP553: Erase Head Connector
CP601: Motor, Plunger Connector
CP602: Leaf Switch Connector
CP603: Switch Circuit Board Connector
CP604: Switch Circuit Board Connector
CP605: IC Connector
CP606: LED Connector
CP607: Timer Circuit Board Connector
CP608: Control Circuit Board Connector
CP901: Speaker Connector
CP902: Audio Connector
CP905: Power Source Connector
CP907: Control Circuit Board Connector

DIAL THREADING

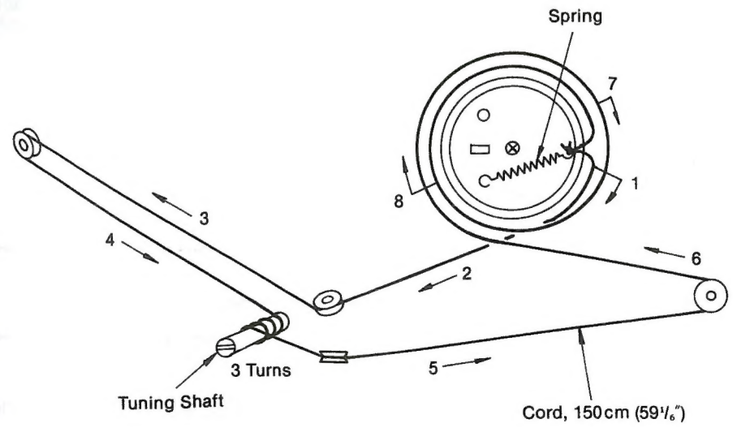


Fig. 14

ALIGNMENTS

■ ALIGNMENTS INSTRUCTION

READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

1. Set volume control to maximum.
2. Set bass and treble control to center.
3. Set band switch to AM or FM.
4. Set function selector to radio.
5. Set power source voltage to 15 volts DC.
6. Output of signal generator should be no higher than necessary to obtain an output reading.

	SIGNAL GENERATOR or SWEEP GENERATOR CONNECTIONS	FREQUENCY	RADIO DIAL SETTING [DISTANCE]	INDICATOR (VTVM or SCOPE)	ADJUSTMENT	REMARKS
	AM ALIGNMENT					
(1)	Fashion loop of several turns of wire and radiate signal into loop of receiver.	455kHz 30% Mode. with 400Hz.	Point of non-interference. (on/about 600kHz)	Output meter across speaker voice coil.	T_2 (1st IFT) T_3 (2nd IFT)	Adjust for maximum output.
(2)	〃	550kHz	550kHz [10.4mm ($^{13}/_{32}$")]	〃	L_4 (OSC Coil) (*1)L_3 (ANT Coil)	Adjust for maximum output. Adjust L_3 by moving coil bobbin along ferrite core.
(3)	〃	1500kHz	1500kHz [161.6mm ($6^3/_8$")]	〃	CT_4 (OSC Trimmer) CT_3 (ANT Trimmer)	Adjust for maximum output. Repeat steps (2) and (3).
	(*1) Cement antenna bobbin with wax after completing alignment.					
	FM-IF ALIGNMENT					
(4)	Connect to test point ▼ through 0.001μF. Negative side to test point ▼.	10.7MHz (400kHz SWP.)	Point of non-interference. (on/about 90MHz)	Connect vert. amp. of scope to test point ▼. Negative side to test point ▼.	T_1 (1st FM IFT) (Primary)	Adjust for maximum amplitude. (Refer to fig. 15.)
(5)	〃	〃	〃	〃	T_4 (1st FM IFT) (Secondary)	Adjust for maximum amplitude. (Refer to fig. 16.)
	FM-RF ALIGNMENT					
(6)	Connect to test point ▼ through FM dummy antenna. Negative side to test point ▼. (Refer to fig. 17.)	90MHz	90MHz [22.4mm ($^7/_8$")]	Output meter across speaker voice coil.	L_2 (FM OSC Coil) L_1 (FM ANT Coil)	Adjust for maximum output.
(7)	〃	106MHz	106MHz [154mm ($6^1/_{16}$")]	〃	CT_1 (FM OSC Trimmer) CT_2 (FM ANT Trimmer)	Adjust for maximum output. Repeat steps (6) and (7).

■ SEPARATION ALIGNMENT

ITEM	SIGNAL 98MHz, 60dB SOURCE CONNECTION	EQUIPMENT CONNECTION ELECTRONIC COUNTER	ADJUSTMENT	SPECIFICATION	REMARKS
Adjustment of pilot signal.	——	▼... (+) side ▼... (–) side	VR502	19kHz	Adjust VR, for 19kHz (±30Hz) reading on electronics counter.

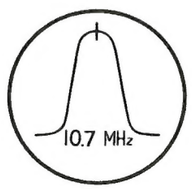


Fig. 15

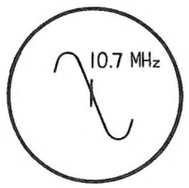


Fig. 16

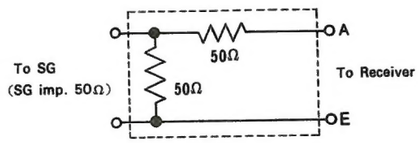


Fig. 17 FM Dummy Antenna

■ AUDIO ADJUSTMENT

ITEM	INPUT	MEASUREMENT POINT	SPECIFICATION	ADJUSTMENT POINT	REMARKS
Azimuth	QZZCFM (8kHz, –20dB)	EXT SP	Maximum output	Azimuth screw	Playback mode
Playback level	QZZCFM (315Hz, 0dB)	LINE OUT	0.42 ± 0.02V	VR_{302} (Lch) VR_{402} (Rch)	Playback mode
VU meter	QZZCFM (315Hz, 0dB)	Meter (Fig. 22)	"0" point	VR_{102} (Lch) VR_{202} (Rch)	Playback mode
Bias oscillation frequency	——	▼... (+) ▼... (–)	67.5 ± 0.5kHz	L_{551}	Record mode Beat proof switch → II Tape selector → Metal
Erase current	Use metal tape	▼... (+) ▼... (–)	135 ± 5mV	VR_{552}	Record mode Beat proof switch → I Tape selector → Metal
Bias trap	——	▼ (Lch) ▼ (Rch) ▼, ▼... (–)	7 ± 0.2mV	VR_{301} (Lch) VR_{401} (Rch)	Record mode Beat proof switch ... I → II
Bias current	Use metal tape	▼ (Lch) ▼ (Rch) ▼, ▼... (–)	Metal 7 ± 0.2mV CrO_2 4.5 ± 0.2mV FeCr Normal 3.5 ± 0.1mV	Metal VR_{301} (Lch) VR_{401} (Rch) Normal / FeCr } VR_{551}	Record mode Beat proof switch → II Tape selector → Metal
Overall gain	LINE IN (1kHz, –14dB)	LINE OUT	0.42 ± 0.03V	VR_{303} (Lch) VR_{403} (Rch)	1. Set recording mode and adjust $VR_{101,201}$ (REC LEVEL) for "0" reading on VU meter. 2. Record the signal. (1kHz/ –14dB). 3. Playback the recorded tape and make sure the value at line output becomes 0.42 ± 0.03V.

RADIO CIRCUIT BOARD

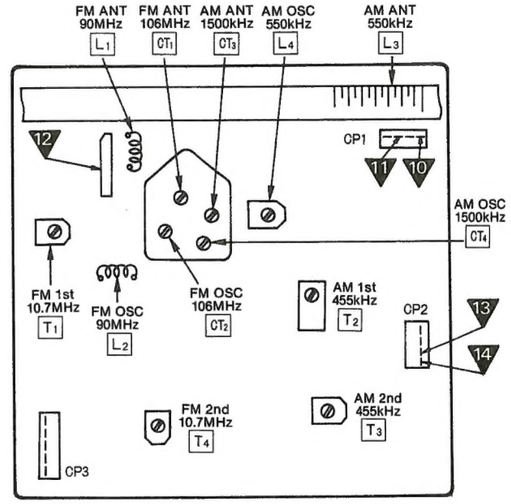


Fig. 18

AUDIO CIRCUIT BOARD

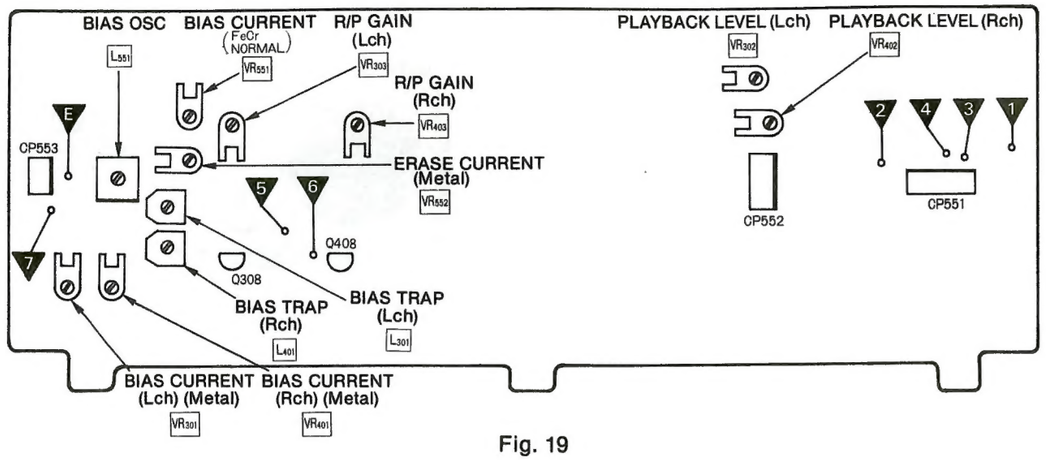


Fig. 19

AUDIO CIRCUIT BOARD

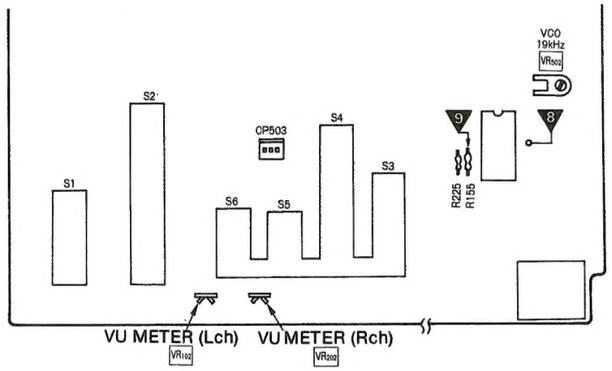


Fig. 20

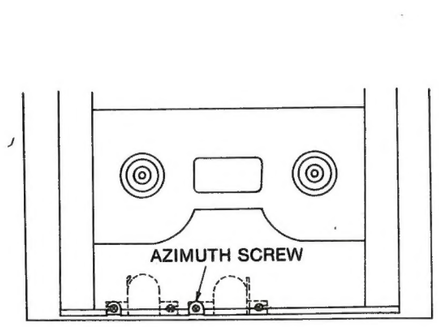


Fig. 21

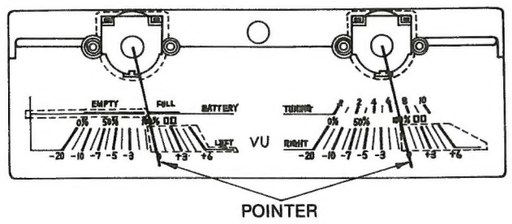
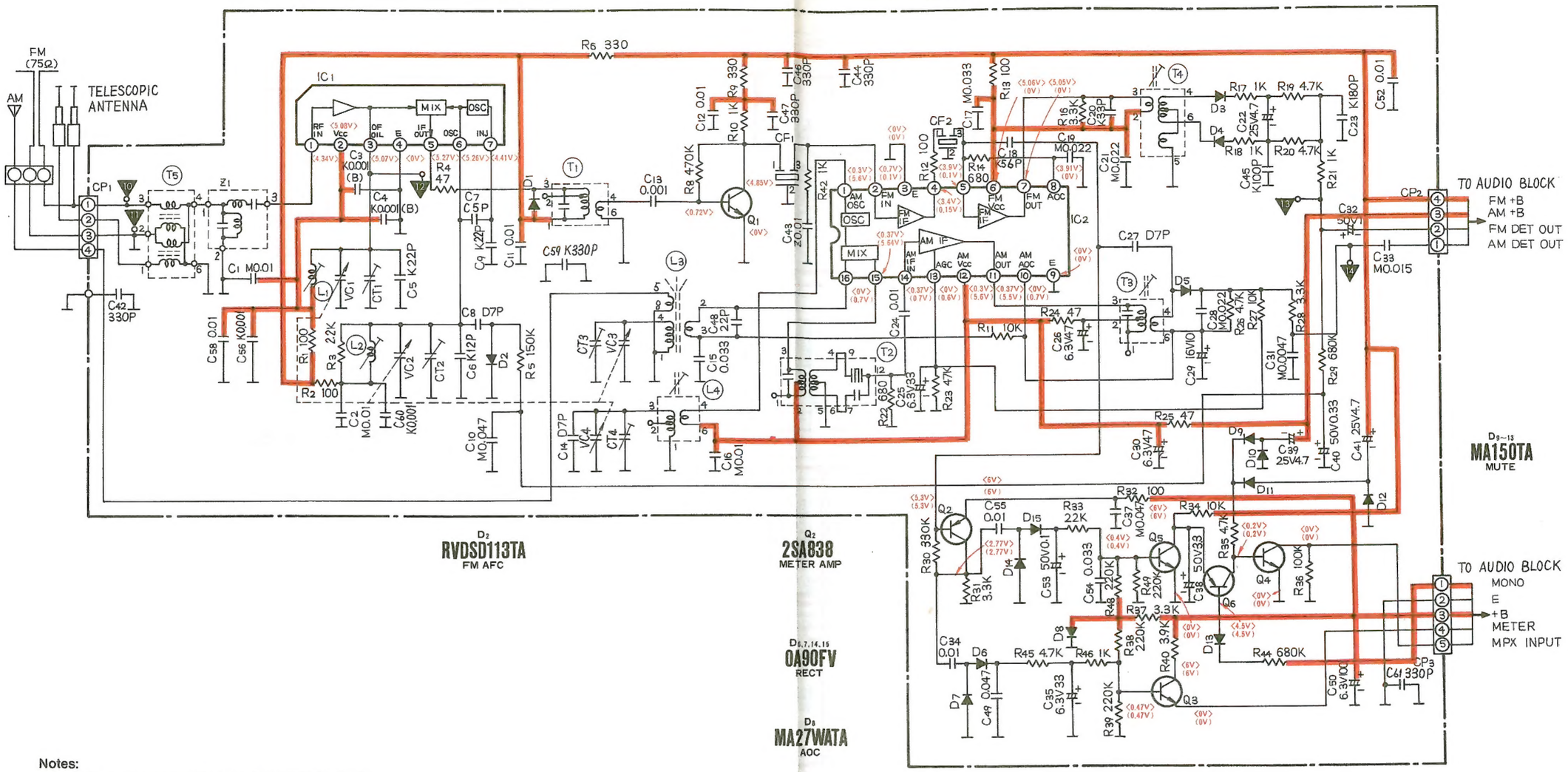


Fig. 22

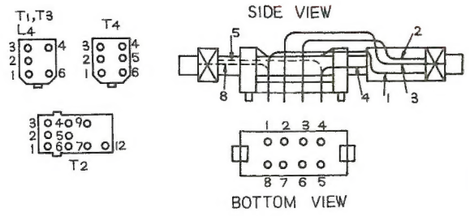
SCHEMATIC DIAGRAM (RADIO CIRCUIT) MODEL RX-7000/©

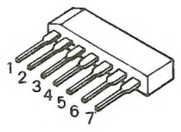
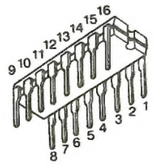
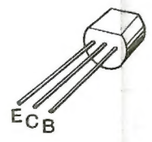
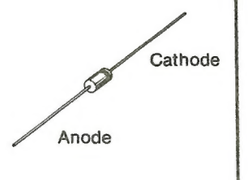
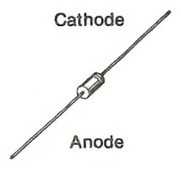
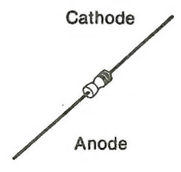
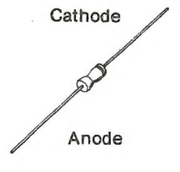
IC1 AN7213 FM RF & CONV
D1 MA150TA FM D. AGC
Q1 2SC1359 FM IF AMP
IC2 RV1UPC1018CE FM IF & AM CONV/IF
D5 0A90FV AM D. AGC
D3,4 20A90MFV FM DET



D2 RVDSD113TA FM AFC
Q2 2SA838 METER AMP
D6,7,14,15 0A90FV RECT
D8 MA27WATA AGC
Q3 2SC1684 METER AMP
Q4 2SC2001 MUTE
Q5 2SC1684 MUTE
Q6 2SA564 SWITCHING

Notes:
1. DC voltage measurements are taken with electronics voltmeter based on negative terminal of battery
< > ... FM ( ) ... AM



IC1	IC2	Q1~6	D1,9~13	D2,8	D3,4	D5~7,14,15
						

RADIO CIRCUIT BOARD

Q2

	FM	AM
VE	6V	6V
VB	5.3V	5.3V
VC	2.77V	2.77V

Q3

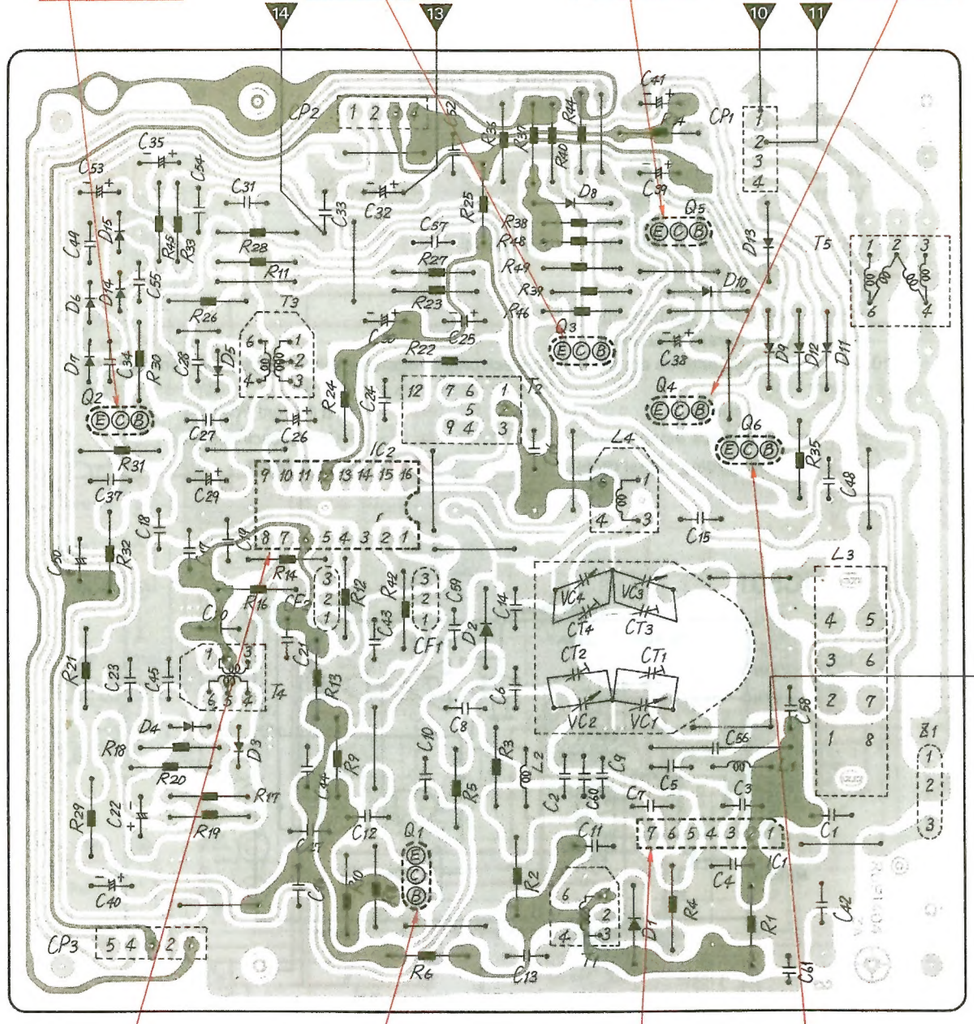
	FM	AM
VE	0V	0V
VB	0.47V	0.47V
VC	6V	6V

Q5

	FM	AM
VE	0V	0V
VB	0.4V	0.4V
VC	6V	6V

Q4

	FM	AM
VE	0V	0V
VB	0.2V	0.2V
VC	0V	0V



IC2

	FM	AM		FM	AM
1	0.3V	5.6V	9	0V	0V
2	0.7V	0.1V	10	0V	0.7V
3	0V	0V	11	0.37V	5.5V
4	3.4V	0.15V	12	0.3V	5.6V
5	3.9V	0.1V	13	0V	0.6V
6	5.06V	0V	14	0.37V	0.7V
7	5.05V	0V	15	0.37V	5.64V
8	3.91V	0V	16	0V	0.7V

Q1

	FM
VE	0V
VB	0.72V
VC	4.85V

IC1

	FM
1	4.34V
2	5.08V
3	5.07V
4	0V
5	5.27V
6	5.26V
7	4.41V

Q6

	FM	AM
VE	6V	6V
VB	4.5V	4.5V
VC	0.2V	0.2V

Notes:

1. S1-1~S1-4: Mode/Beat Proof switch in "MONO/II" position
   (1 ... MONO/II, 2 ... STEREO/II, 3 ... AMBIENCE/I)
2. S2-1~S2-4: Tape selector switch in "NORMAL" position
   (1 ... NORMAL, 2 ... FeCr, 3 ... CrO_2, 4 ... METAL)
3. S3-1~S3-4: Rec mode switch in "MANUAL" position
4. S4-1~S4-6: Dolby NR switch in "OUT" position
5. S5-1, S5-2: Meter switch in "LEVEL" position
   (1 ... LEVEL, 2 ... BATT/TUNING)
6. S6-1, S6-2: Light switch in "OFF" position
7. S7-1~S7-6: Function switch in "TAPE" position
   (1 ... TAPE, 2 ... RADIO, 3 ... PHONO, 4 ... LINE)
8. S8-1~S8-4: Band switch in "AM" position
   (1 ... AM, 3 ... FM)
9. VR101,201: Recording level control
   VR102,202: Meter adjustment
   VR301,401: Bias current adjustment
   VR302,402: Playback gain adjustment
   VR303,403: Recording/Playback gain adjustment
   VR501: Mixing level volume
   VR502: VCO adjustment
   VR551: Bias current adjustment
   VR552: Erase current adjustment
10. DC voltage mesurements are taken with electronics voltmeter based on negative terminal of battery

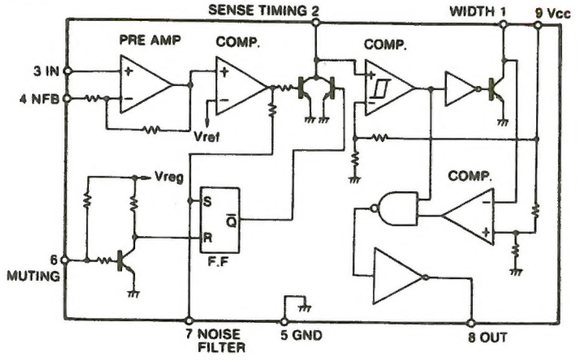
Bias Frequency
67.5 ±0.5 kHz
(Beat Proof II)

Bias Voltage
METAL 7 ± 0.2 mV
CrO_2 4.5 ± 0.2 mV
FeCr / Normal 3.5 ± 0.1 mV

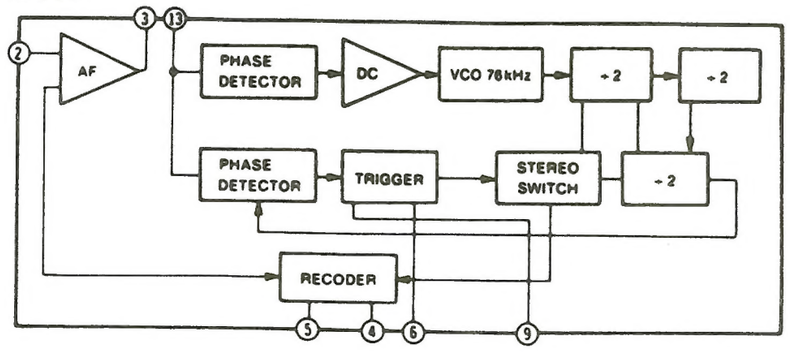
[ ] ... Recoding, (( )) ... FM stereo
... Playback signal (Lch)
... Recording signal (Rch)

----- +B (Record Position)
----- +B (Playback Position)
----- +B (General)

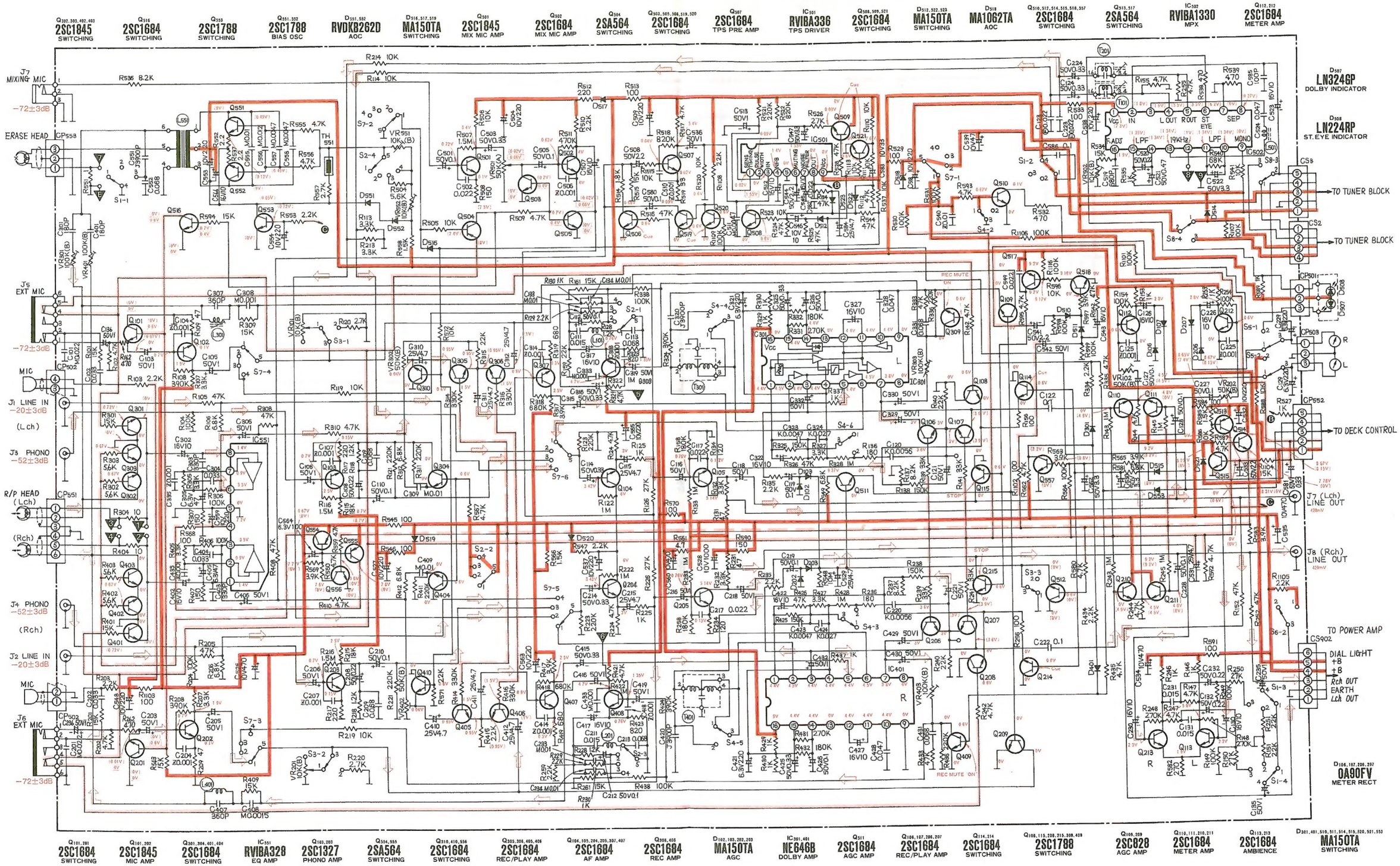
IC501



IC502



SCHEMATIC DIAGRAM (AUDIO CIRCUIT) MODEL RX-7000/©



AUDIO CIRCUIT BOARD

Q402

VE	0V
VB	0.67V
VC	0V

IC551

1	1.4V	4	7.2V	7	0.9V
2	0.9V	5	0V	8	1.4V
3	3.5V	6	3.5V		

Q401

	REC
VE	0V
VB	0.72V
VC	0V

Q403

VE	0V
VB	0.67V
VC	0V

Q304

VE	0V
VB	0.6V
VC	0V

Q410

VE	0.04V
VB	0.6V
VC	0V

Q310

VE	0.04V
VB	0.6V
VC	0V

Q305

VE	0.95V
VB	1.5V
VC	0.95V

Q306

	REC
VE	0.95V
VB	1.5V
VC	1V

Q307

VE	0.3V
VB	0.9V
VC	2.5V

IC301

1	4.4V	5	4.4V	9	0V	13	0V
2	4.5V	6	4.5V	10	4.4V	14	4.4V
3	4.4V	7	3.8V	11	4.4V	15	4.4V
4	4.4V	8	0V	12	4.4V	16	9V

Q557

	REC
VE	0V
VB	0.6V
VC	8.2V

Q301

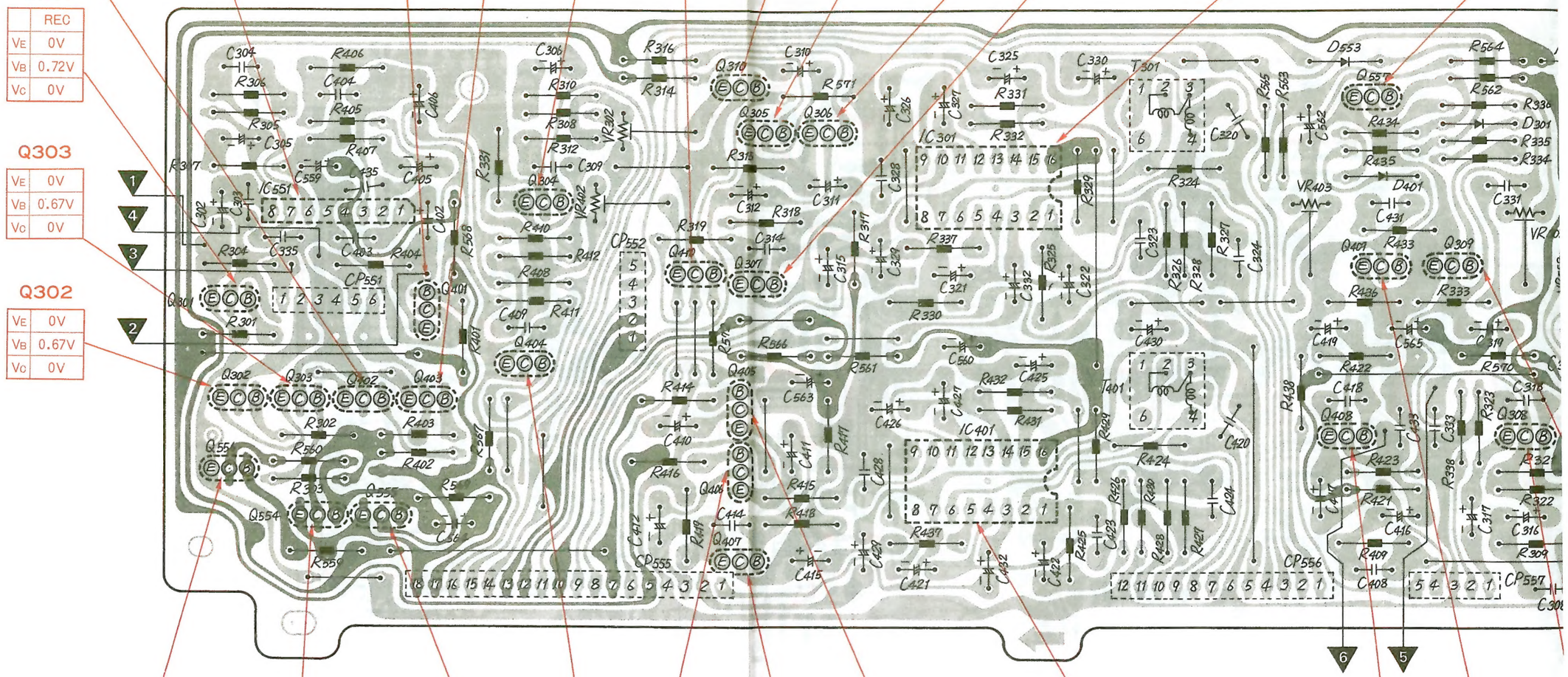
	REC
VE	0V
VB	0.72V
VC	0V

Q303

VE	0V
VB	0.67V
VC	0V

Q302

VE	0V
VB	0.67V
VC	0V



Q556

	PLAY	REC
VE	0V	0V
VB	0.6V	0V
VC	7.6V	0V

Q554

	PLAY	REC
VE	8.7V	8.7V
VB	7.7V	0V
VC	0.67V	0V

Q555

	PLAY	REC
VE	8.7V	8.7V
VB	7.7V	0V
VC	7.8V	0V

Q404

VE	0V
VB	0.6V
VC	0V

Q406

	REC
VE	0.95V
VB	1.5V
VC	1V

Q407

VE	0.3V
VB	0.9V
VC	2.5V

Q405

VE	0.95V
VB	1.5V
VC	0.95V

IC401

1	4.4V	5	4.4V	9	0V	13	0V
2	4.5V	6	4.5V	10	4.4V	14	4.4V
3	4.4V	7	3.8V	11	4.4V	15	4.4V
4	4.4V	8	0V	12	4.4V	16	9V

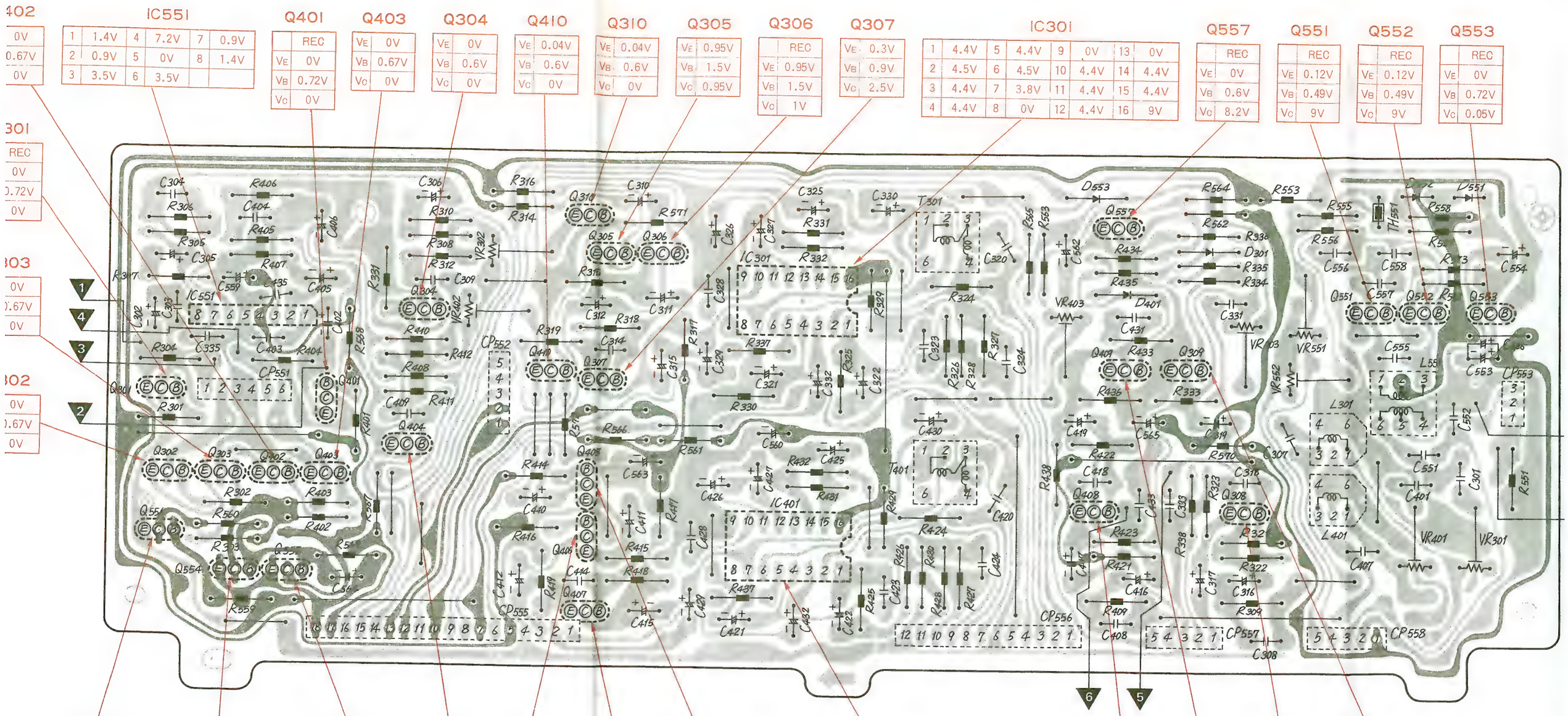
Q408

VE	0.76V
VB	1.35V
VC	4.7V

Q409

	REC MUTE "ON"
VE	0V
VB	0.6V
VC	0V

AUDIO CIRCUIT BOARD



402

	0V
	0.67V
	0V

IC551

1	1.4V	4	7.2V	7	0.9V
2	0.9V	5	0V	8	1.4V
3	3.5V	6	3.5V		

Q401

	REC
VE	0V
VB	0.72V
VC	0V

Q403

VE	0V
VB	0.67V
VC	0V

Q304

VE	0V
VB	0.6V
VC	0V

Q410

VE	0.04V
VB	0.6V
VC	0V

Q310

VE	0.04V
VB	0.6V
VC	0V

Q305

VE	0.95V
VB	1.5V
VC	0.95V

Q306

	REC
VE	0.95V
VB	1.5V
VC	1V

Q307

VE	0.3V
VB	0.9V
VC	2.5V

IC301

1	4.4V	5	4.4V	9	0V	13	0V
2	4.5V	6	4.5V	10	4.4V	14	4.4V
3	4.4V	7	3.8V	11	4.4V	15	4.4V
4	4.4V	8	0V	12	4.4V	16	9V

Q557

	REC
VE	0V
VB	0.6V
VC	8.2V

Q551

	REC
VE	0.12V
VB	0.49V
VC	9V

Q552

	REC
VE	0.12V
VB	0.49V
VC	9V

Q553

	REC
VE	0V
VB	0.72V
VC	0.05V

301

	REC
	0V
	0.72V
	0V

303

	0V
	0.67V
	0V

302

	0V
	0.67V
	0V

Q556

	PLAY	REC
VE	0V	0V
VB	0.6V	0V
VC	7.6V	0V

Q554

	PLAY	REC
VE	8.7V	8.7V
VB	7.7V	0V
VC	0.67V	0V

Q555

	PLAY	REC
VE	8.7V	8.7V
VB	7.7V	0V
VC	7.8V	0V

Q404

VE	0V
VB	0.6V
VC	0V

Q406

	REC
VE	0.95V
VB	1.5V
VC	1V

Q407

VE	0.3V
VB	0.9V
VC	2.5V

Q405

VE	0.95V
VB	1.5V
VC	0.95V

IC401

1	4.4V	5	4.4V	9	0V	13	0V
2	4.5V	6	4.5V	10	4.4V	14	4.4V
3	4.4V	7	3.8V	11	4.4V	15	4.4V
4	4.4V	8	0V	12	4.4V	16	9V

Q408

VE	0.76V
VB	1.35V
VC	4.7V

Q409

	REC MUTE "ON"
VE	0V
VB	0.6V
VC	0V

Q308

VE	0.76V
VB	1.35V
VC	4.7V

Q309

	REC MUTE "ON"
VE	0V
VB	0.6V
VC	0V

RX-7000

AUDIO CIRCUIT BOARD

I04

	0V
	0.6V
	0V

Q410

VE	0.04V
VB	0.6V
VC	0V

Q310

VE	0.04V
VB	0.6V
VC	0V

Q305

VE	0.95V
VB	1.5V
VC	0.95V

Q306

	REC
VE	0.95V
VB	1.5V
VC	1V

Q307

VE	0.3V
VB	0.9V
VC	2.5V

IC301

1	4.4V	5	4.4V	9	0V	13	0V
2	4.5V	6	4.5V	10	4.4V	14	4.4V
3	4.4V	7	3.8V	11	4.4V	15	4.4V
4	4.4V	8	0V	12	4.4V	16	9V

Q557

	REC
VE	0V
VB	0.6V
VC	8.2V

Q551

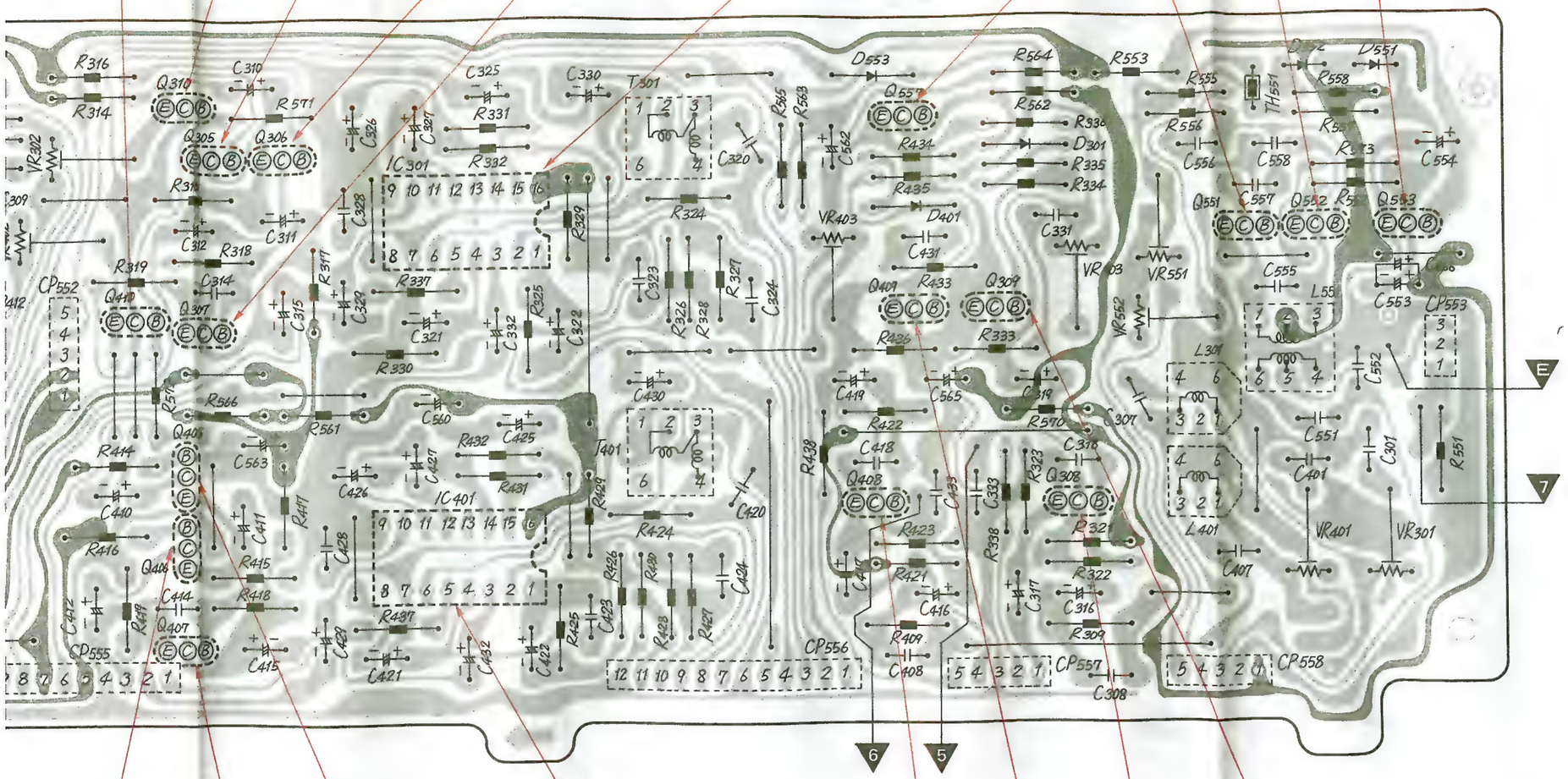
	REC
VE	0.12V
VB	0.49V
VC	9V

Q552

	REC
VE	0.12V
VB	0.49V
VC	9V

Q553

	REC
VE	0V
VB	0.72V
VC	0.05V



I04

	0V
	0.6V
	0V

Q406

	REC
VE	0.95V
VB	1.5V
VC	1V

Q407

VE	0.3V
VB	0.9V
VC	2.5V

Q405

VE	0.95V
VB	1.5V
VC	0.95V

IC401

1	4.4V	5	4.4V	9	0V	13	0V
2	4.5V	6	4.5V	10	4.4V	14	4.4V
3	4.4V	7	3.8V	11	4.4V	15	4.4V
4	4.4V	8	0V	12	4.4V	16	9V

Q408

VE	0.76V
VB	1.35V
VC	4.7V

Q409

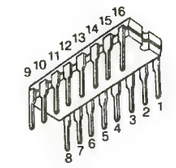
	REC MUTE "ON"
VE	0V
VB	0.6V
VC	0V

Q308

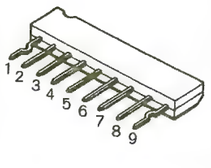
VE	0.76V
VB	1.35V
VC	4.7V

Q309

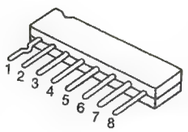
	REC MUTE "ON"
VE	0V
VB	0.6V
VC	0V



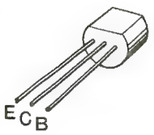
IC301,401,502



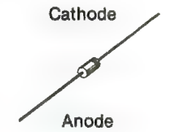
IC501



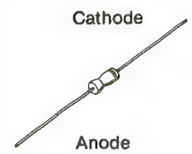
IC551



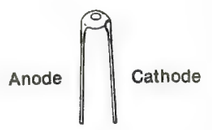
Q101~115,201~215,
301~310,401~410,
501~521,551~557



D102,103,202,203,
301,401,510~512,
514~523,553



D106,107,
206,207



D551,552

RX-7000 RX-7000

AUDIO CIRCUIT BOARD

Q109	
VE	0V
VB	0V
VC	0V

Q511	
VE	0V
VB	0V
VC	9.27V

Q209	
VE	0V
VB	0V
VC	0V

Q512	PLAY	REC
VE	0V	0V
VB	0.6V	0V
VC	0V	0V

Q204	
VE	3V
VB	3.42V
VC	6V

Q206	
VE	3V
VB	3.6V
VC	3V

Q207	
VE	3V
VB	3.9V
VC	3.6V

Q104	
VE	3V
VB	3.42V
VC	6V

Q106	
VE	3V
VB	3.6V
VC	3V

Q108	
VE	0V
VB	0.6V
VC	0V

Q214	Cue
VE	0V
VB	0.6V
VC	0V

Q504	REC
VE	8V
VB	7.4V
VC	7.5V

Q208	
VE	0V
VB	0.6V
VC	0V

Q505	REC	
VE	0V	0V
VB	0.7V	0.4V
VC	0.02V	0.06V

Q510	DOLBY-ON
VE	0V
VB	0.67V
VC	0.1V

Q212	
VE	0V
VB	0.6V
VC	2.8V

Q112	
VE	0V
VB	0.6V
VC	2.8V

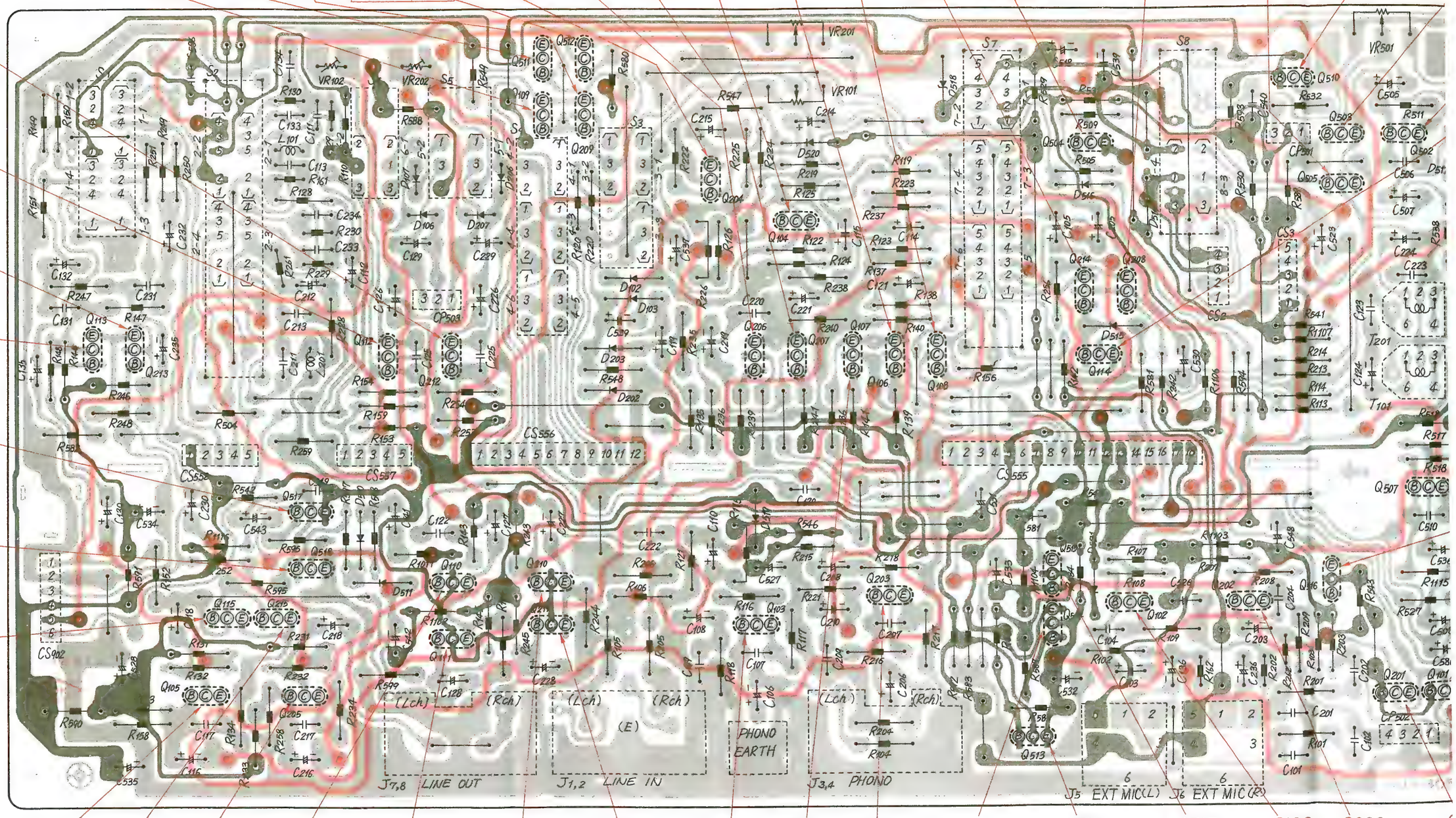
Q213	
VE	1.6V
VB	2.3V
VC	5.6V

Q113	
VE	1.6V
VB	2.3V
VC	5.6V

Q517	
VE	9.2V
VB	9.17V
VC	0.2V

Q518	
VE	0V
VB	0V
VC	9.16V

Q115	STOP
VE	0V
VB	0.6V
VC	0V



Q105	
VE	0.13V
VB	0.76V
VC	5.14V

Q215	STOP
VE	0V
VB	0.6V
VC	0V

Q205	
VE	0.13V
VB	0.76V
VC	5.14V

Q110	PLAY	REC
VE	4.5V	4.5V
VB	0V	4.9V
VC	9.2V	9.2V

Q111	PLAY	REC
VE	4.5V	4.5V
VB	4.8V	0V
VC	9.2V	9.2V

Q210	PLAY	REC
VE	4.5V	4.5V
VB	0V	4.9V
VC	9.2V	9.2V

Q211	PLAY	REC
VE	4.5V	4.5V
VB	4.8V	0V
VC	9.2V	9.2V

Q103	
VE	0.15V
VB	0.7V
VC	2.5V

Q107	REC
VE	3V
VB	3.9V
VC	3.6V

Q203	
VE	0.15V
VB	0.7V
VC	2.5V

Q514	PLAY	REC
VE	7.78V	0V
VB	8.31V	0V
VC	8.67V	8.15V

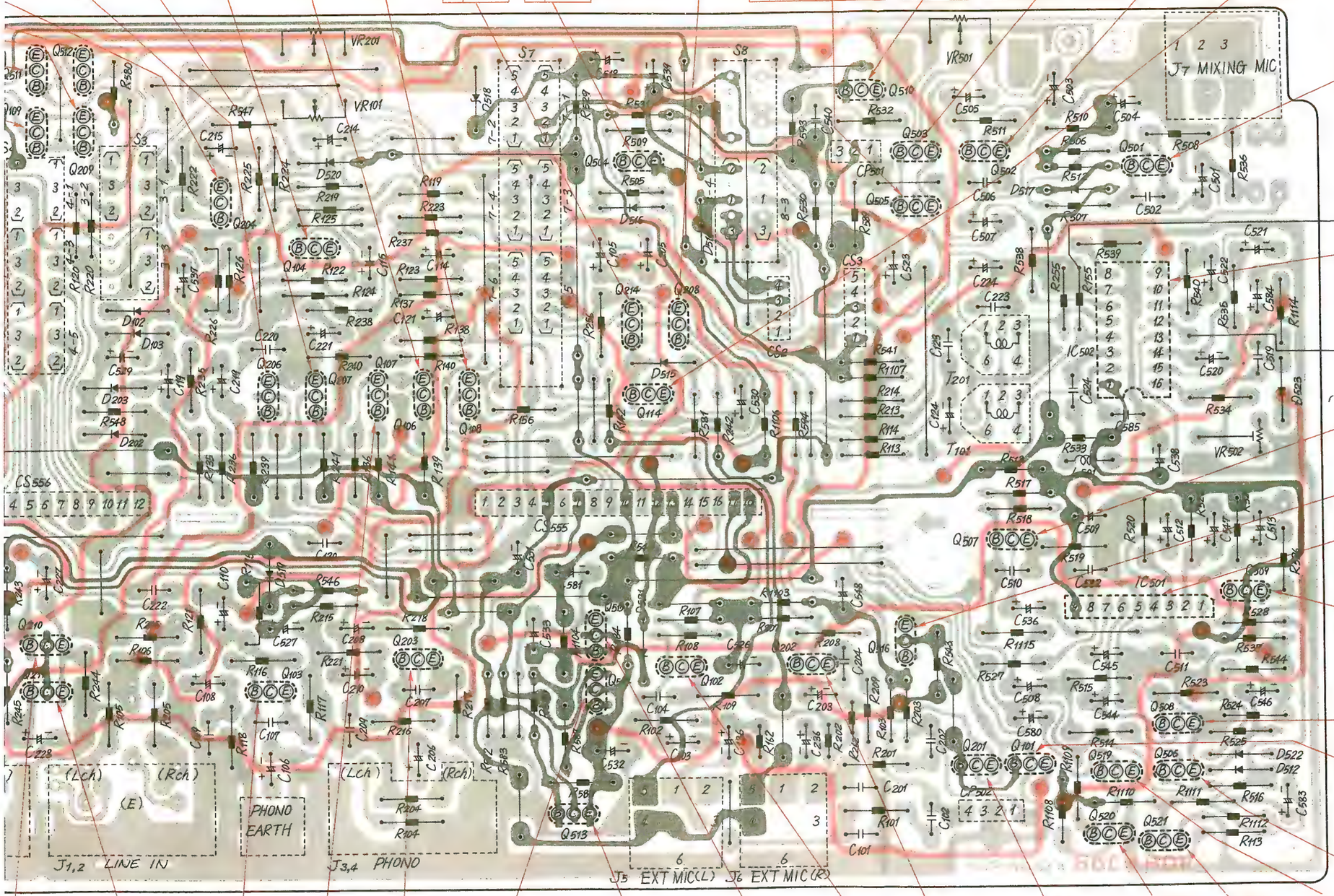
Q513	PLAY	REC
VE	8.67V	8.15V
VB	8.65V	7.4V
VC	0V	8.0V

Q515	PLAY	REC
VE	0V	0V
VB	0V	0.6V
VC	8.15V	0V

Q102	
VE	0.1V
VB	0.7V
VC	1.9V

Q202	
VE	0.1V
VB	0.7V
VC	1.9V

AUDIO CIRCUIT BOARD



Q206

VE	3V
VB	3.6V
VC	3V

Q207

VE	3V
VB	3.9V
VC	3.6V

Q104

VE	3V
VB	3.42V
VC	6V

Q106

VE	3V
VB	3.6V
VC	3V

Q108

VE	0V
VB	0.6V
VC	0V

Q214

	Cue
VE	0V
VB	0.6V
VC	0V

Q504

	REC
VE	8V
VB	7.4V
VC	7.5V

Q208

VE	0V
VB	0.6V
VC	0V

Q505

	REC	
VE	0V	0V
VB	0.7V	0.4V
VC	0.02V	0.06V

Q510

	DOLBY-ON
VE	0V
VB	0.67V
VC	0.1V

Q503

	REC	
VE	0V	0V
VB	0.7V	0.4V
VC	0.02V	0.06V

Q502

VE	0V
VB	0.63V
VC	4V

Q114

	Cue
VE	0V
VB	0.6V
VC	0V

Q501

VE	0.1V
VB	0.72V
VC	3.4V

IC502

	FM STEREO		FM STEREO
1	7.3V	9	0V
2	1.8V	10	1.34V
3	1.9V	11	1.34V
4	3.5V	12	1V
5	3.5V	13	1.34V
6	6.2V	14	1.34V
7	0V	15	1.35V
8	0.27V	16	1.9V

Q507

VE	0.02V
VB	0.64V
VC	3.4V

Q516

	REC	
VE	0V	0V
VB	0.7V	0.4V
VC	0V	0.6V

IC501

1	0.02V	4	1.4V	7	0V
2	0.09V	5	0V	8	0V
3	0V	6	1.55V	9	8V

Q509

	Cue
VE	0.09V
VB	0.6V
VC	8V

Q508

VE	0V
VC	0.6V
VC	1.55V

Q101

	REC	
VE	0.01V	0V
VB	0V	0.6V
VC	0V	0V

Q210

	REC
V	4.5V
	4.9V
V	9.2V

Q211

	PLAY	REC
VE	4.5V	4.5V
VB	4.8V	0V
VC	9.2V	9.2V

Q103

VE	0.15V
VB	0.7V
VC	2.5V

Q107

	REC
VE	3V
VB	3.9V
VC	3.6V

Q203

VE	0.15V
VB	0.7V
VC	2.5V

Q514

	PLAY	REC
VE	7.78V	0V
VB	8.31V	0V
VC	8.67V	8.15V

Q513

	PLAY	REC
VE	8.67V	8.15V
VB	8.65V	7.4V
VC	0V	8.0V

Q515

	PLAY	REC
VE	0V	0V
VB	0V	0.6V
VC	8.15V	0V

Q102

VE	0.1V
VB	0.7V
VC	1.9V

Q202

VE	0.1V
VB	0.7V
VC	1.9V

Q201

	REC	
VE	0.01V	0V
VB	0V	0.6V
VC	0V	0V

Q520

	Cue
VE	0V
VB	0.6V
VC	0.6V

Q521

	Cue
VE	0V
VB	0.6V
VC	7.6V

Q519

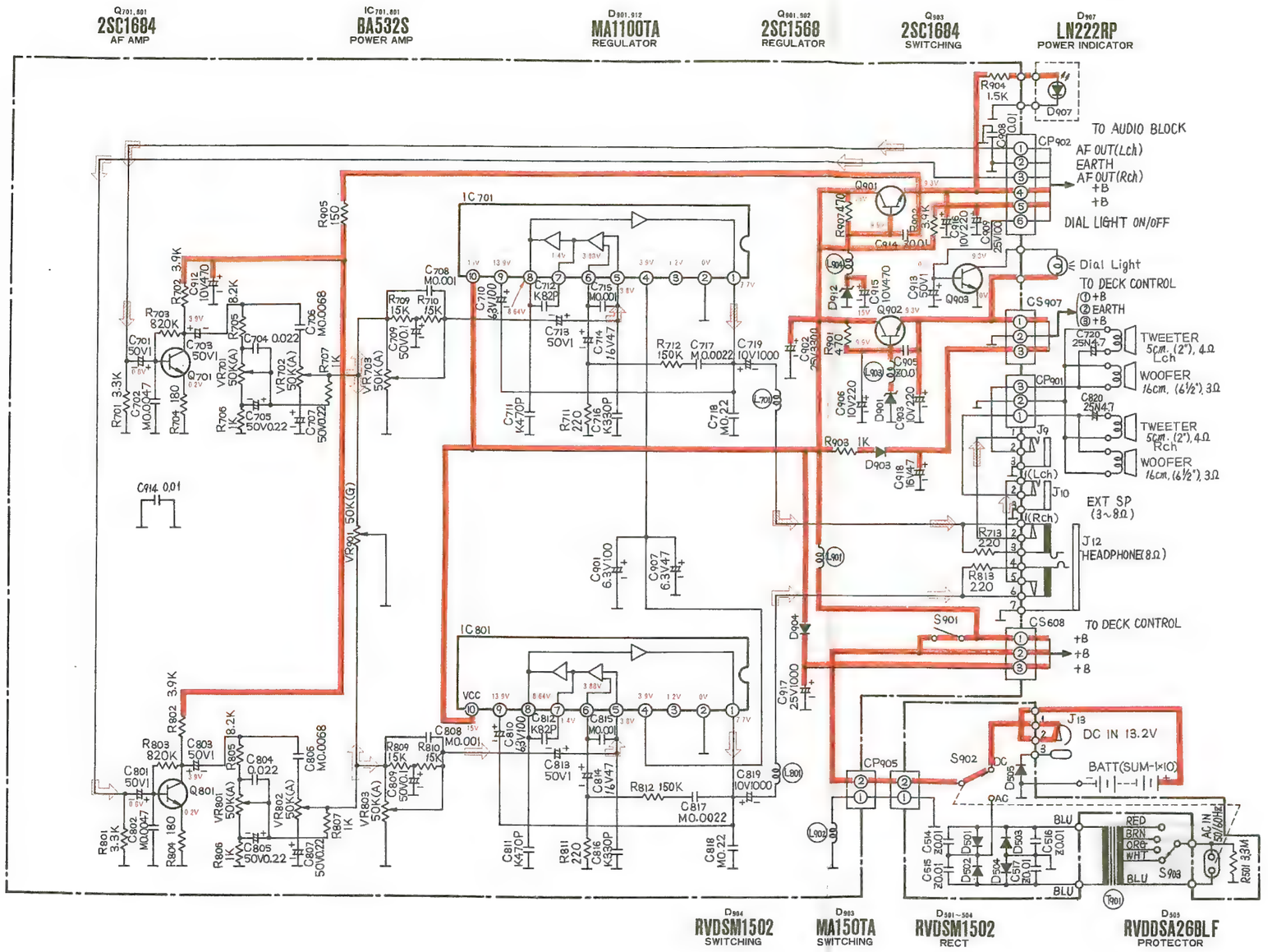
	Cue
VE	0V
VB	0.6V
VC	0.09V

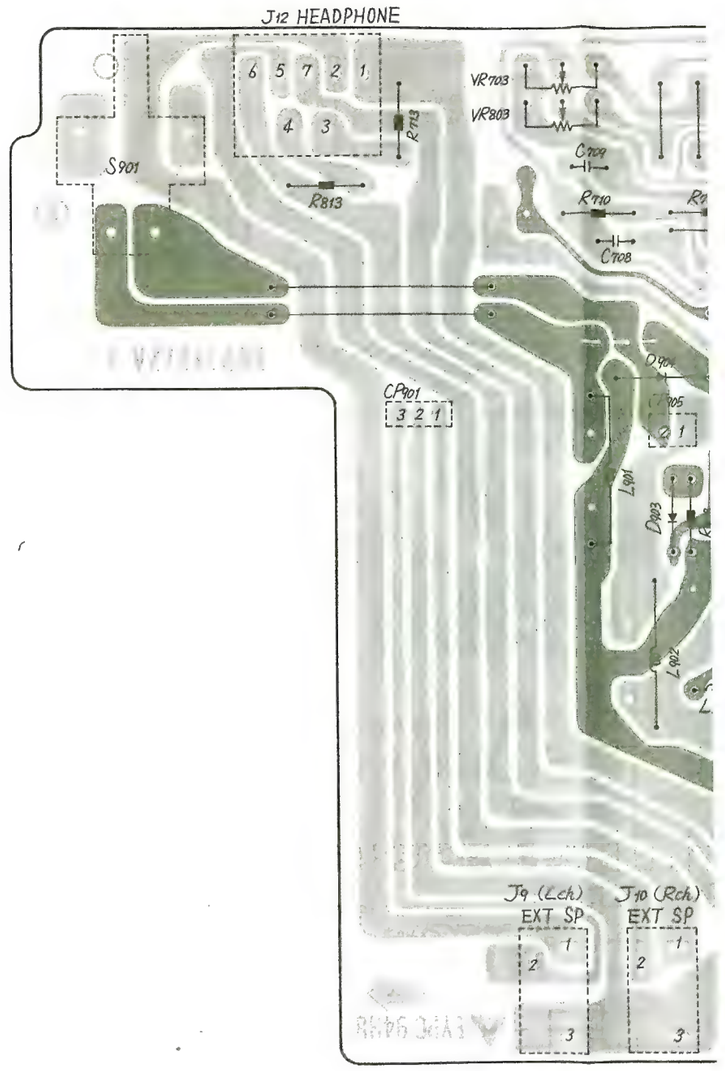
Q506

	Cue
VE	0V
VB	0.6V
VC	0.06V

SCHEMATIC DIAGRAM (POWER AMPLIFIER CIRCUIT) MODEL RX-7000/©

POWER AMPLIF



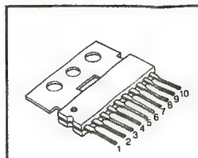


Notes:

1. S901: Power switch in "OFF" position.
2. S902: AC/DC switch in "DC" position.
3. VR701,801: Bass control.
   VR702,802: Treble control.
   VR703,803: Volume control.
   VR901: Balance control.
4. DC voltage mesurements are taken with electronics voltmeter based on negative terminal of battery.
5. Battery current: No signal. 300mA

Maximum output (Radio) 1A
Maximum output (Tape). 1.6A

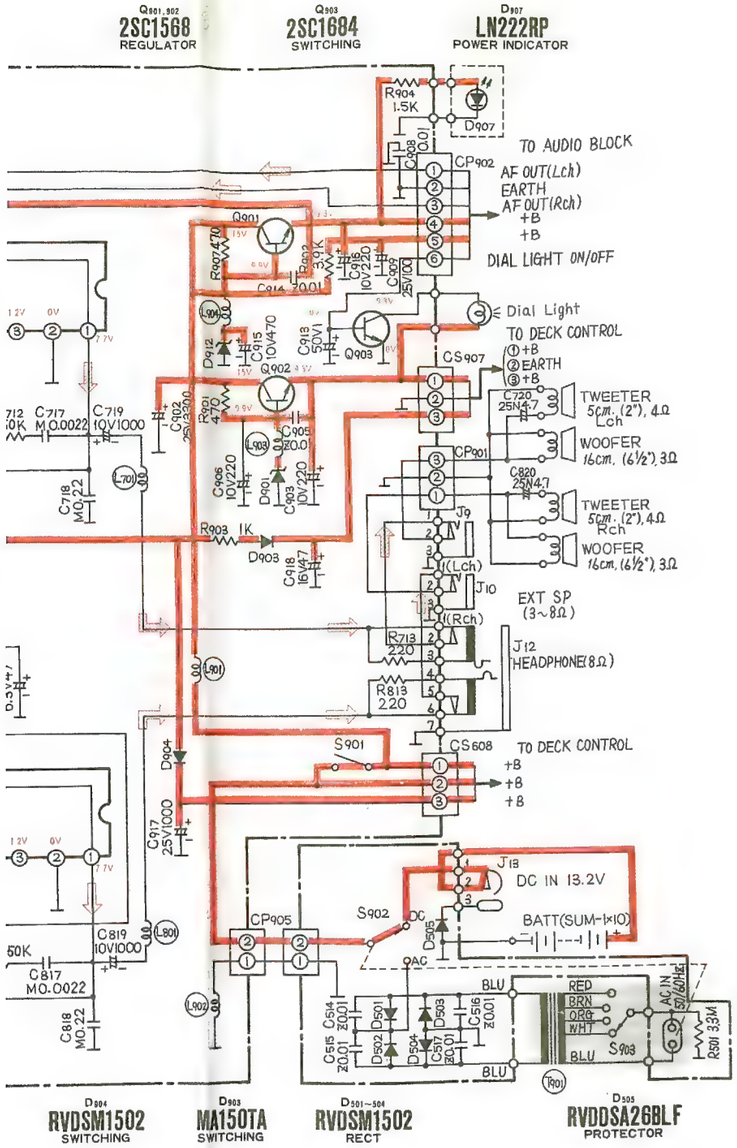
6. Important safety notice
   The shaded area on this schematic diagram incorporates special features important for protection from fire and electrical shock hazards.
   When servicing it is essential that only manufacturer's specified parts be used for the critical components in the shaded areas of the schematic.



IC701,801

Q7

CIRCUIT) MODEL RX-7000/©

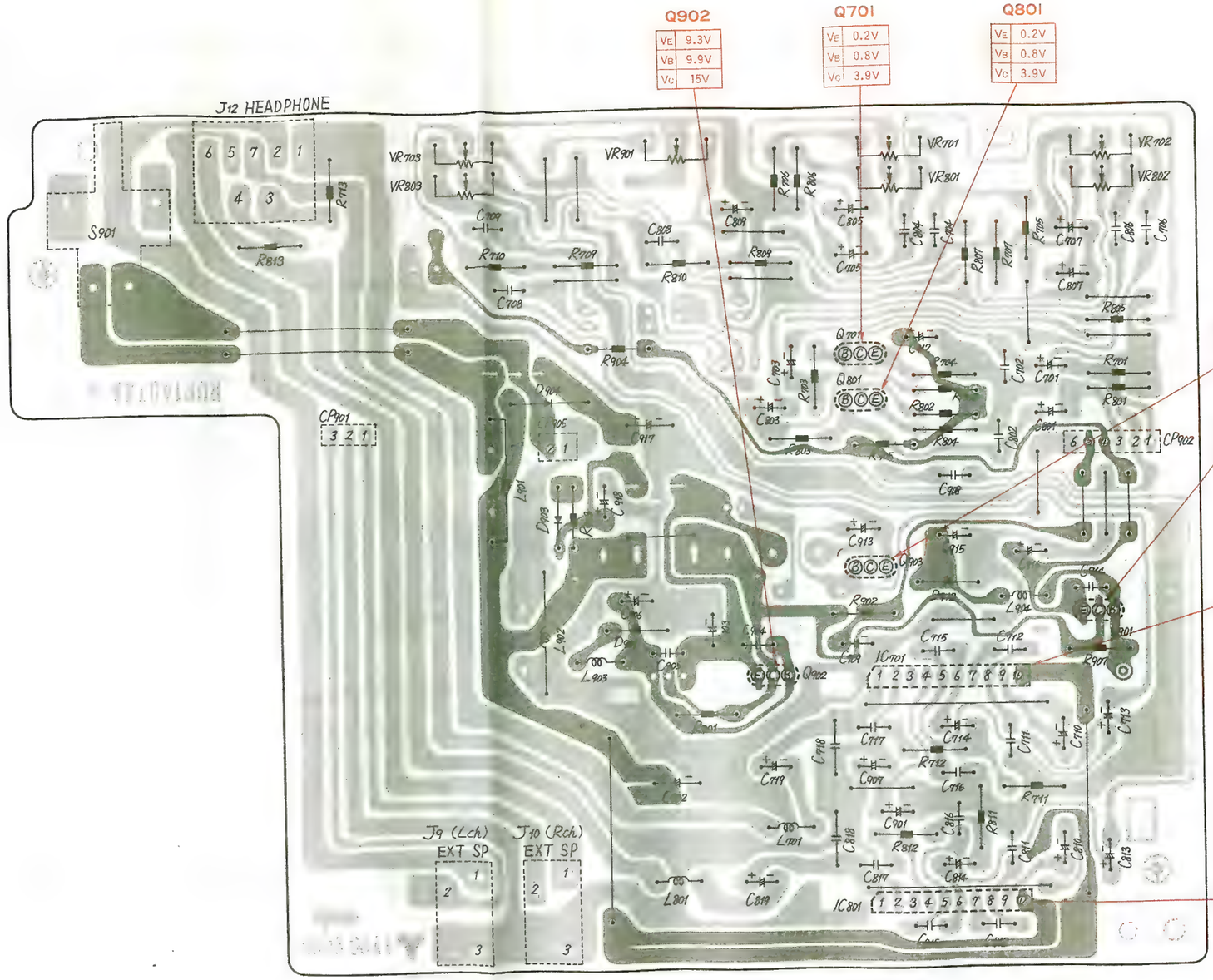


Maximum output (Radio) 1A
Maximum output (Tape) 1.6A

notice

on this schematic diagram incorporates important for protection from fire and azards.
is essential that only manufacturer's used for the critical components in the he schematic.

POWER AMPLIFIER CIRCUIT BOARD



Q902

VE	9.3V
VB	9.9V
VC	15V

Q701

VE	0.2V
VB	0.8V
VC	3.9V

Q801

VE	0.2V
VB	0.8V
VC	3.9V

Q903

VE	0V
VB	0V
VC	9.3V

Q901

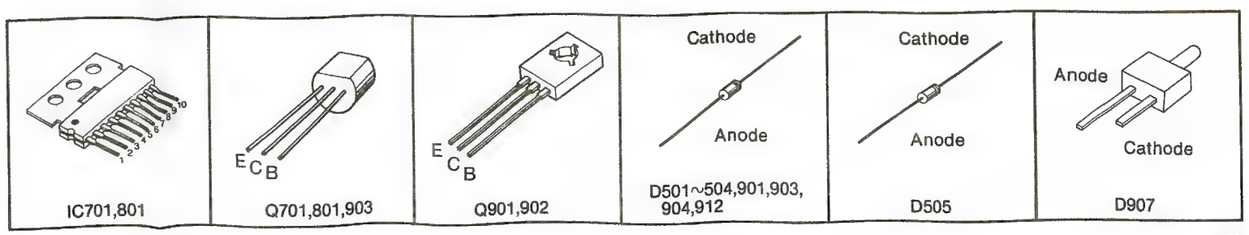
VE	9.3V
VB	9.9V
VC	15V

IC701

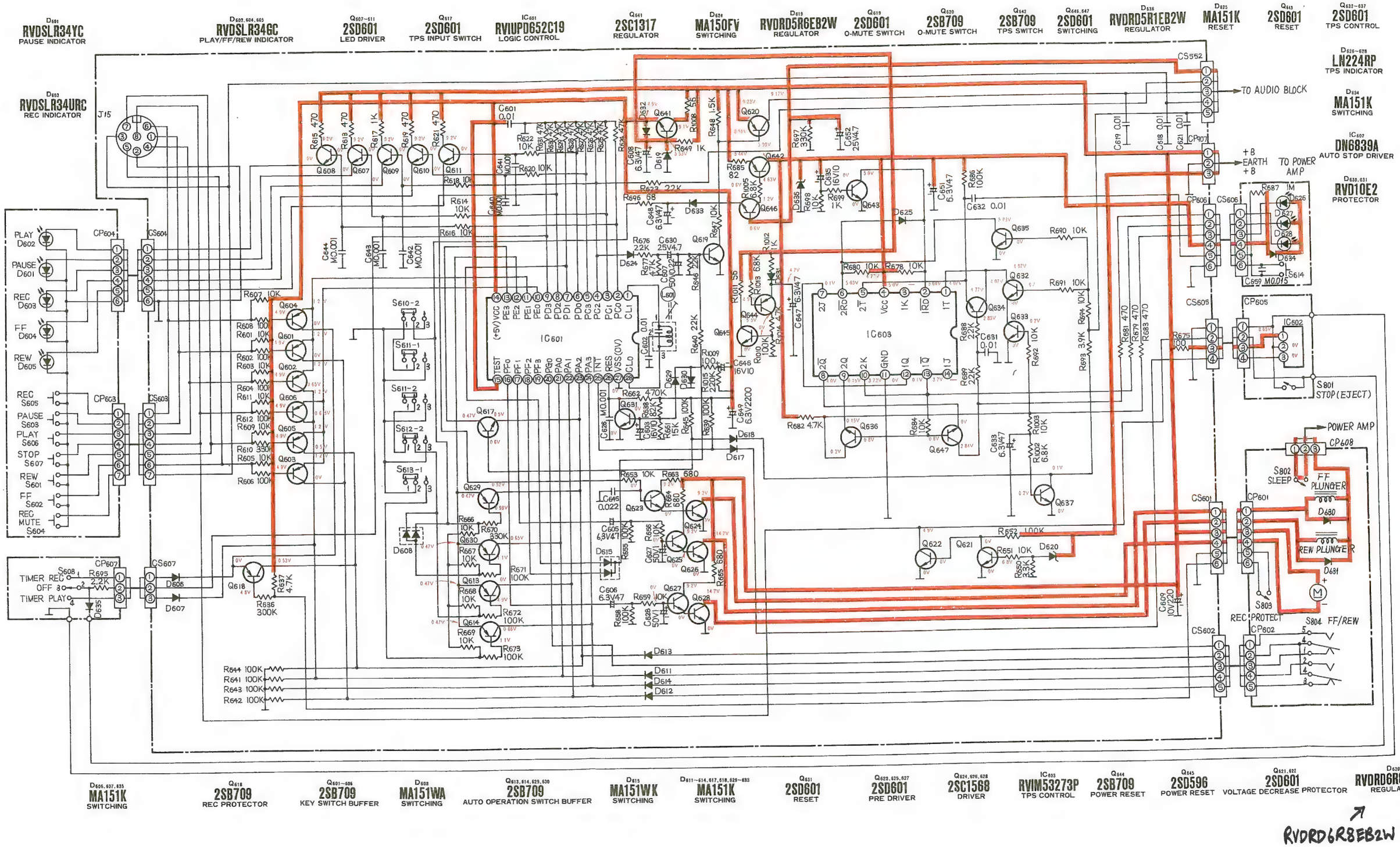
1	7.7V
2	0V
3	1.2V
4	3.9V
5	3.8V
6	3.88V
7	1.4V
8	8.64V
9	13.9V
10	15V

IC801

1	7.7V
2	0V
3	1.2V
4	3.9V
5	3.8V
6	3.88V
7	1.4V
8	8.64V
9	13.9V
10	15V



SCHEMATIC DIAGRAM (CONTROL CIRCUIT) MODEL RX-7000/©



000

$Q_{632\sim637}$
2SD601
TPS CONTROL

$D_{625\sim628}$
LN224RP
TPS INDICATOR

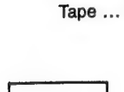
D_{634}
MA151K
SWITCHING

IC_{602}
DN6839A
UTO STOP DRIVER

$D_{630,631}$
RVD10E2
PROTECTOR

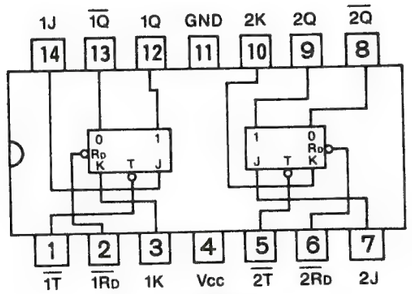
Notes:

1. S601: Rewind switch.
2. S602: Fast forward switch.
3. S603: Pause switch.
4. S604: Record muting switch.
5. S605: Recording switch.
6. S606: Playback switch.
7. S607: Stop switch.
8. S608: Timer standby switch in "OFF" position.
   (1 ... REC, 3 ... OFF, 4 ... PLAY)
9. S610-2: OFF switch.
10. S611-1,S611-2: One program switch.
11. S612-2: One side switch.
12. S613-1: Repeat switch.
13. S614: TPS program switch.
14. S801: Stop switch.
15. S802: Sleep switch.
16. S803: Rec protect switch.
17. S804: FF/Rew switch.
18. DC voltage measurements are taken with electronics voltmeter based on negative terminal of battery.
    Tape ... Stop, LED ... OFF



IC602

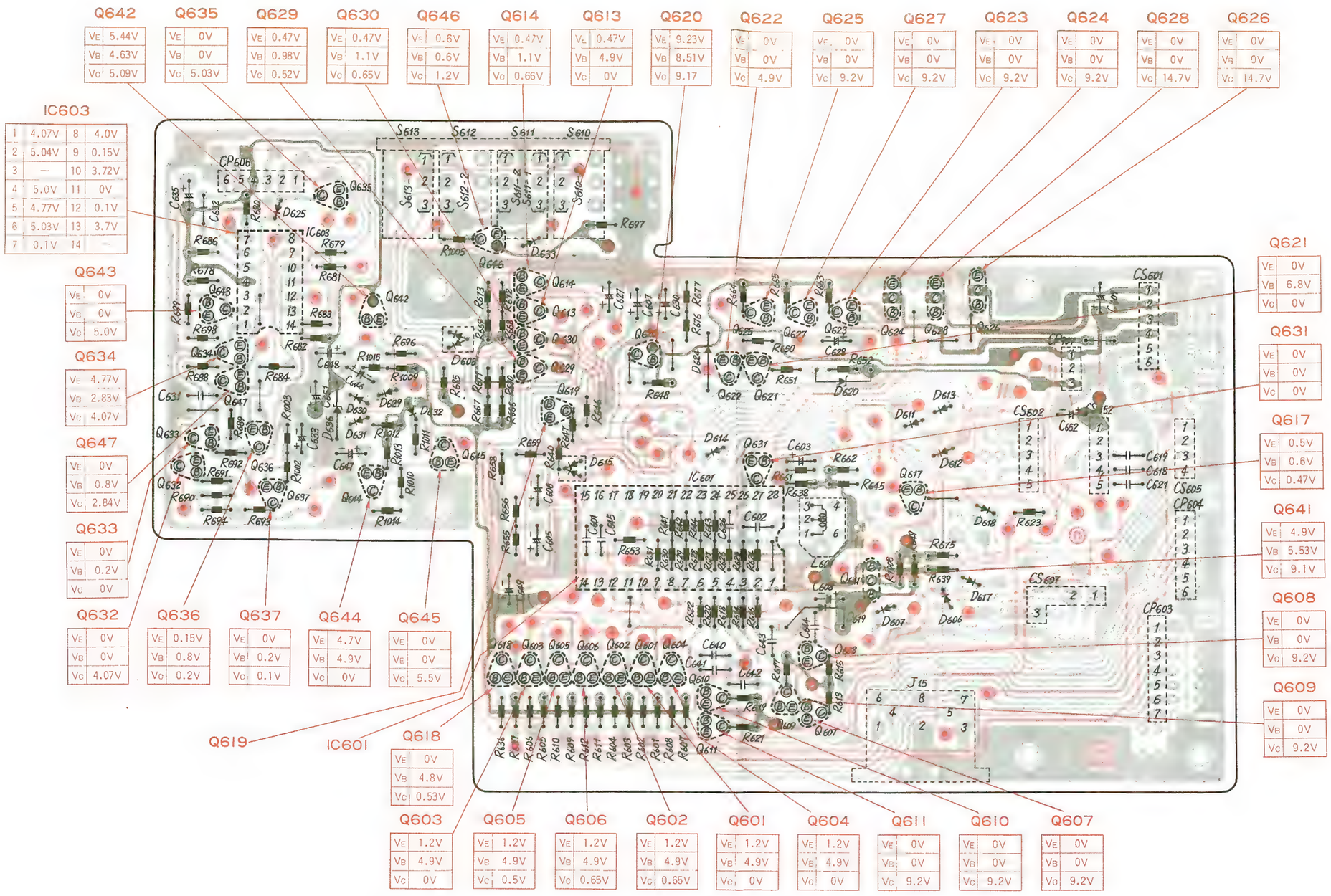
IC601



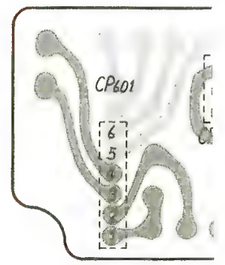
IC603

D_{620}
RVORD6R8EB2W
REGULATOR

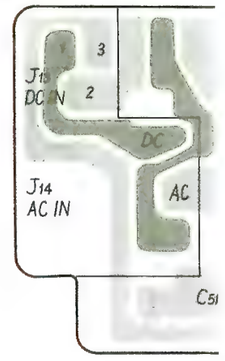
CONTROL CIRCUIT BOARD

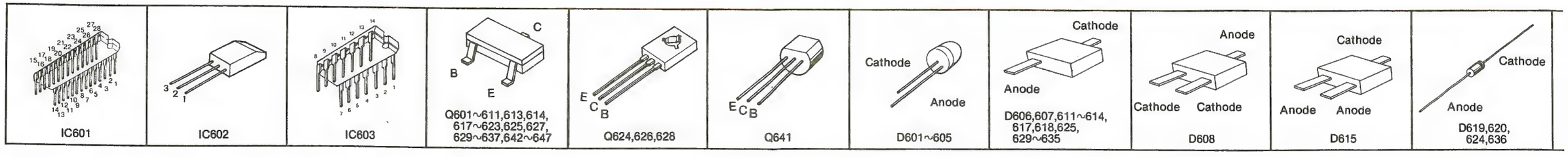


■ MOTOR CIRCUIT

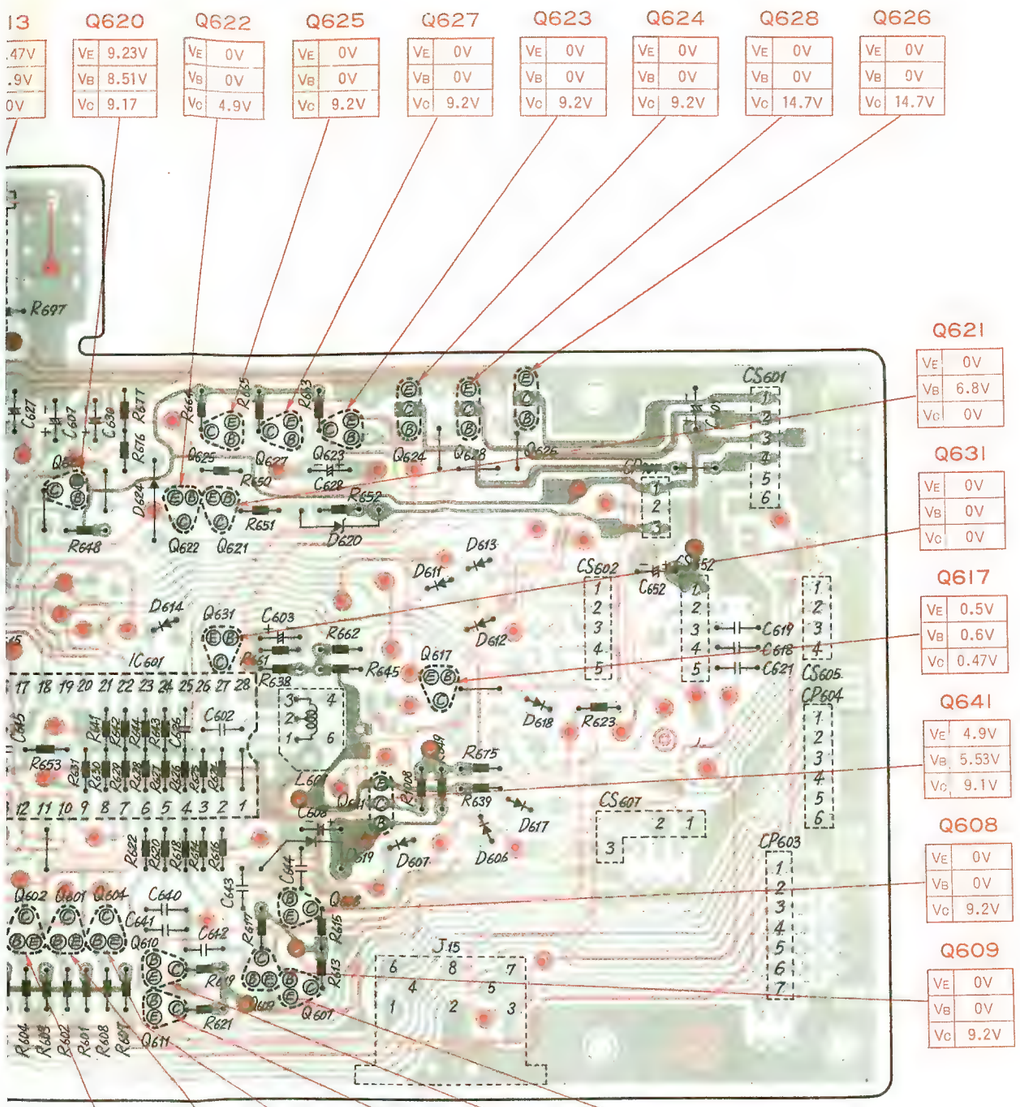


■ POWER CIRCUIT

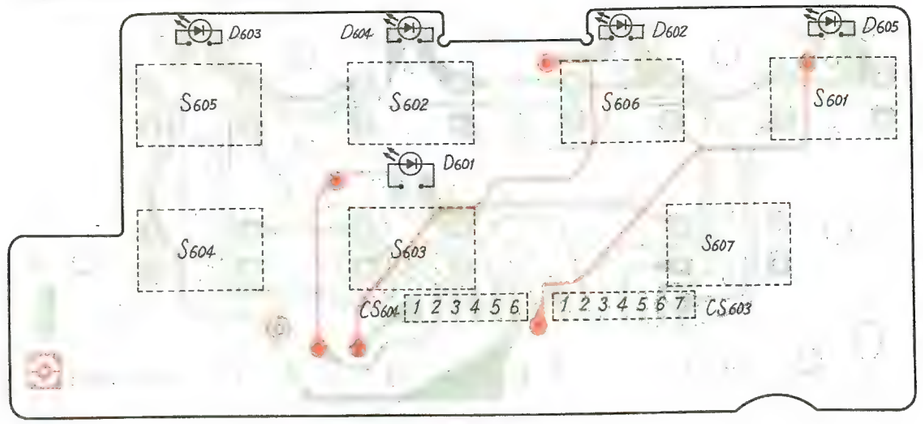




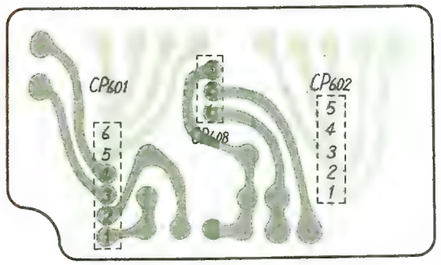
CONTROL CIRCUIT BOARD



■ SWITCH CIRCUIT BOARD



■ MOTOR CIRCUIT BOARD

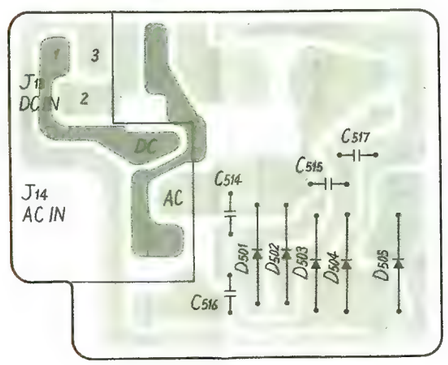


■ LED CIRCUIT BOARD

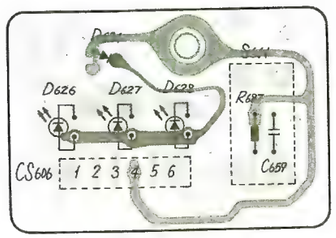
■ TIMER CIRCUIT BOARD

■ LED CIRCUIT BOARD

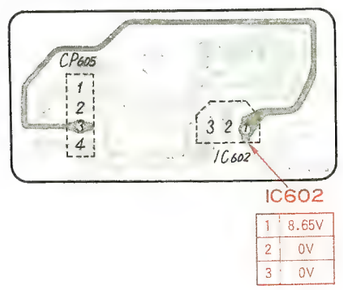
■ POWER CIRCUIT BOARD



■ LED CIRCUIT BOARD

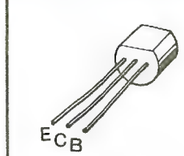
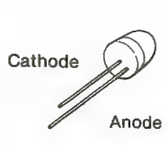
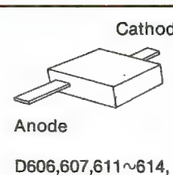
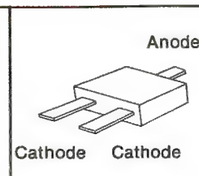
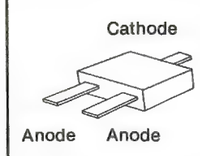
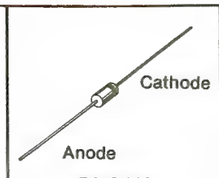
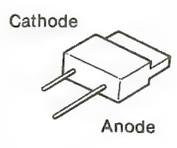


■ IC CIRCUIT BOARD



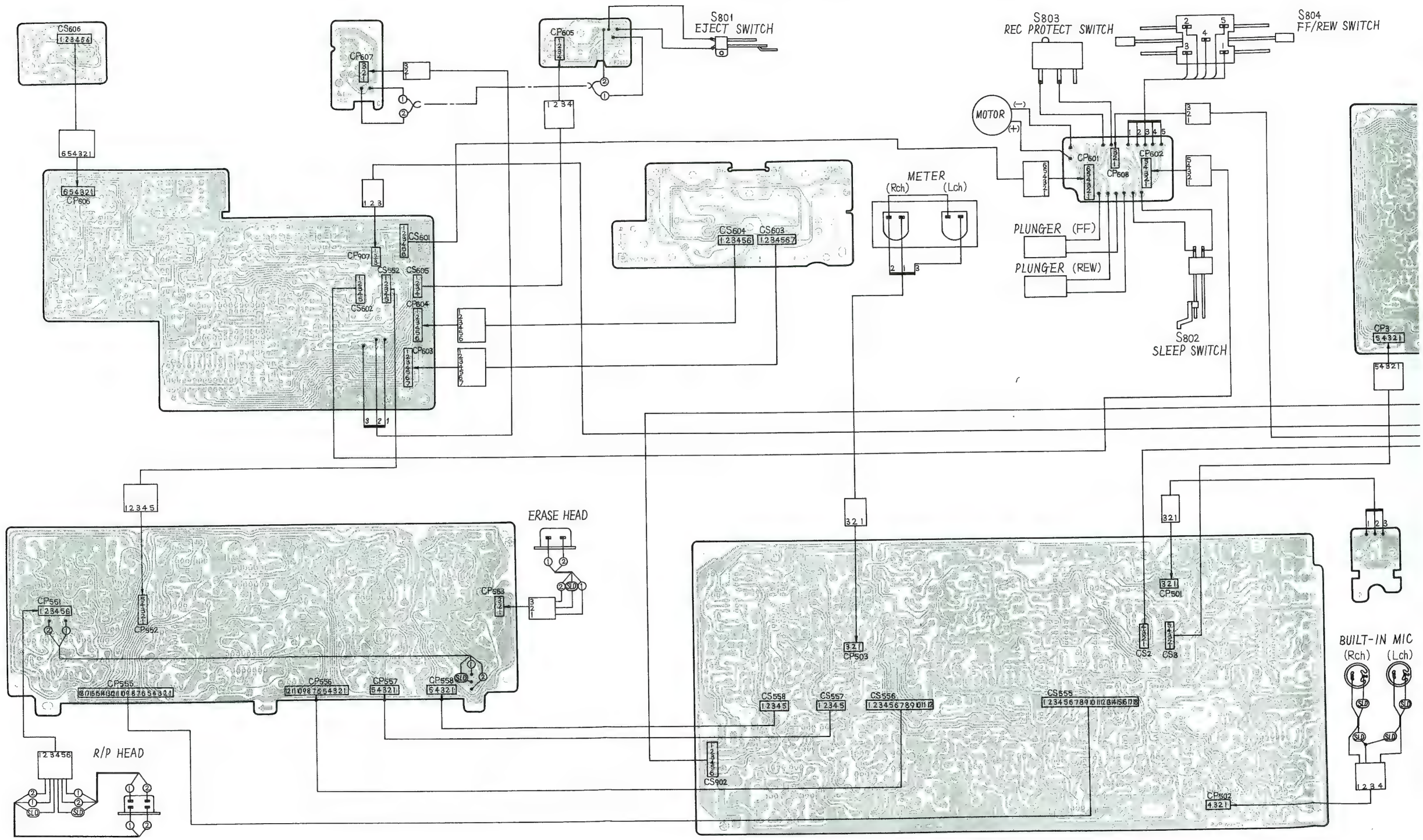
IC602

1	8.65V
2	0V
3	0V

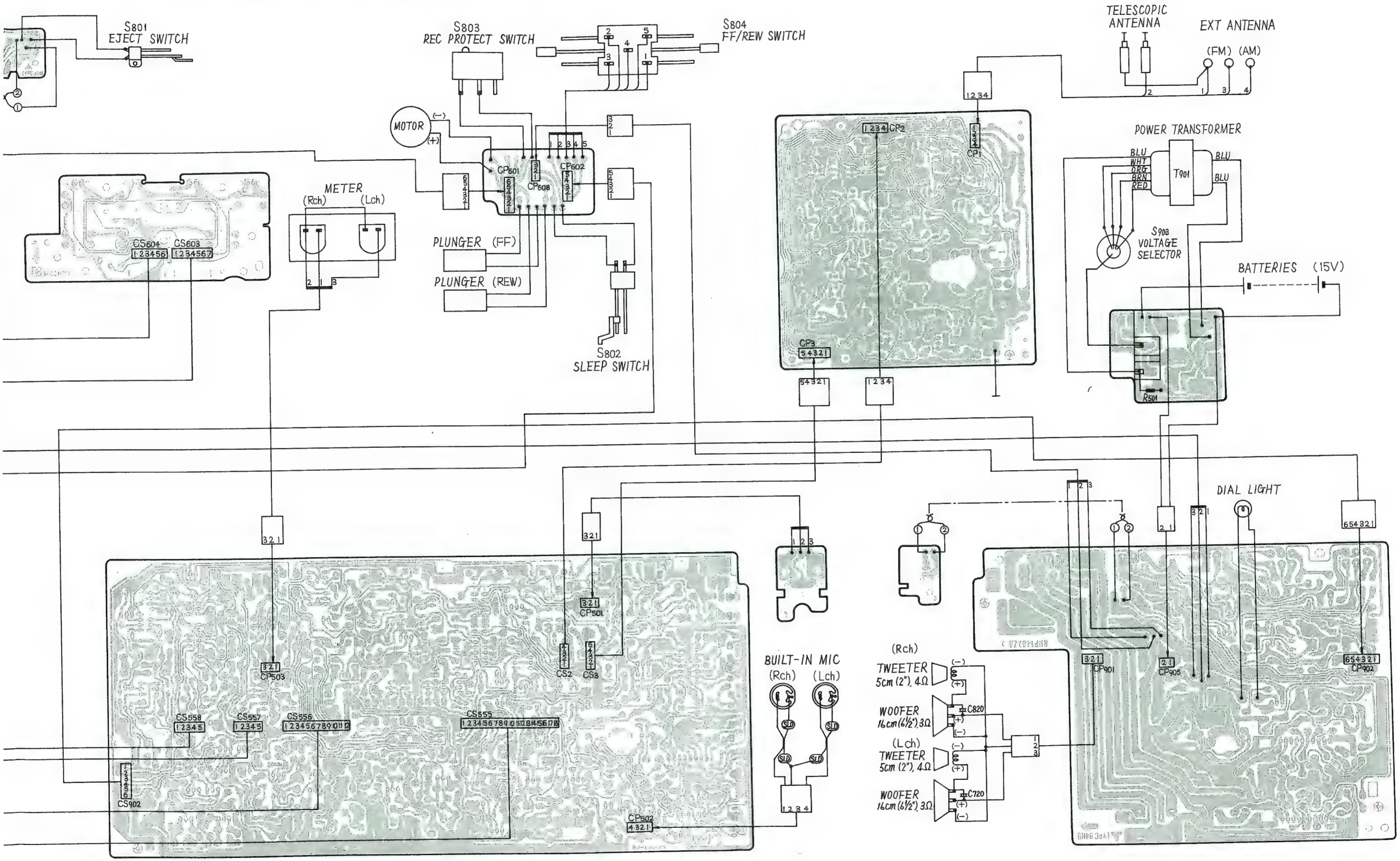
6,628	 Q641	 D601~605	 D606,607,611~614, 617,618,625, 629~635	 D608	 D615	 D619,620, 624,636	 D626~628

RX-7000 RX-7000

WIRING CONNECTION DIAGRAM MODEL RX-7000/©



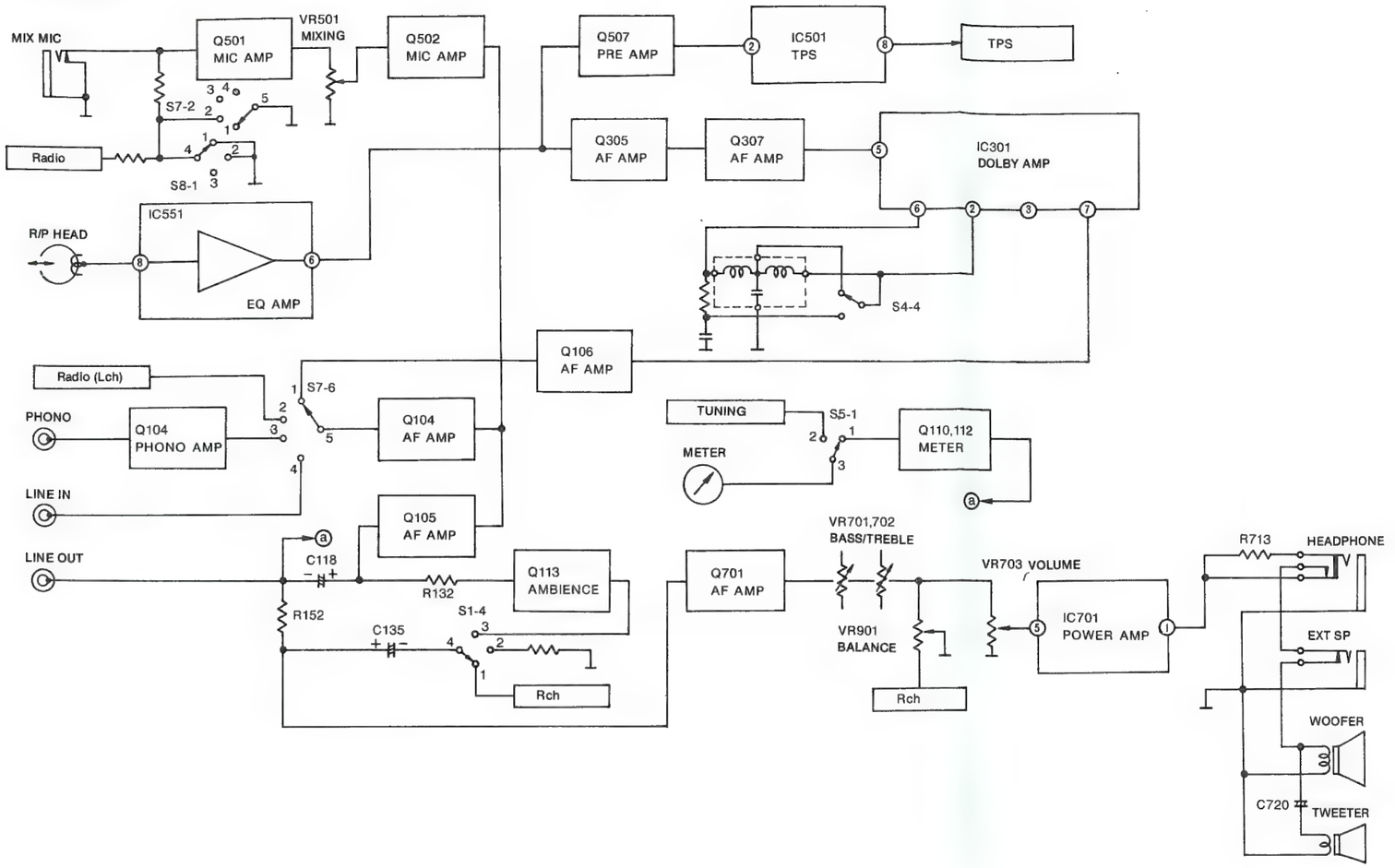
WIRING CONNECTION DIAGRAM MODEL RX-7000/©



BLOCK DIAGRAM

AUDIO BLOCK

PLAYBACK (Lch)



POWER SOURCE

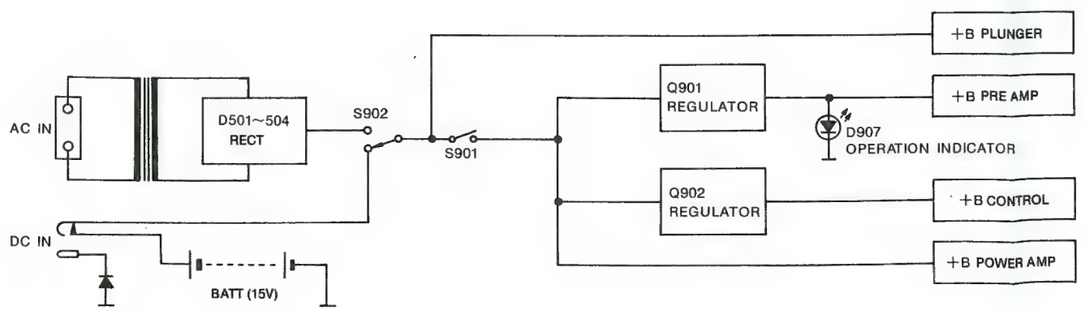
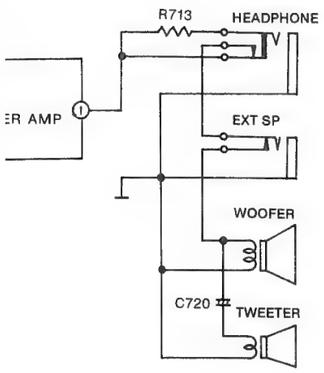
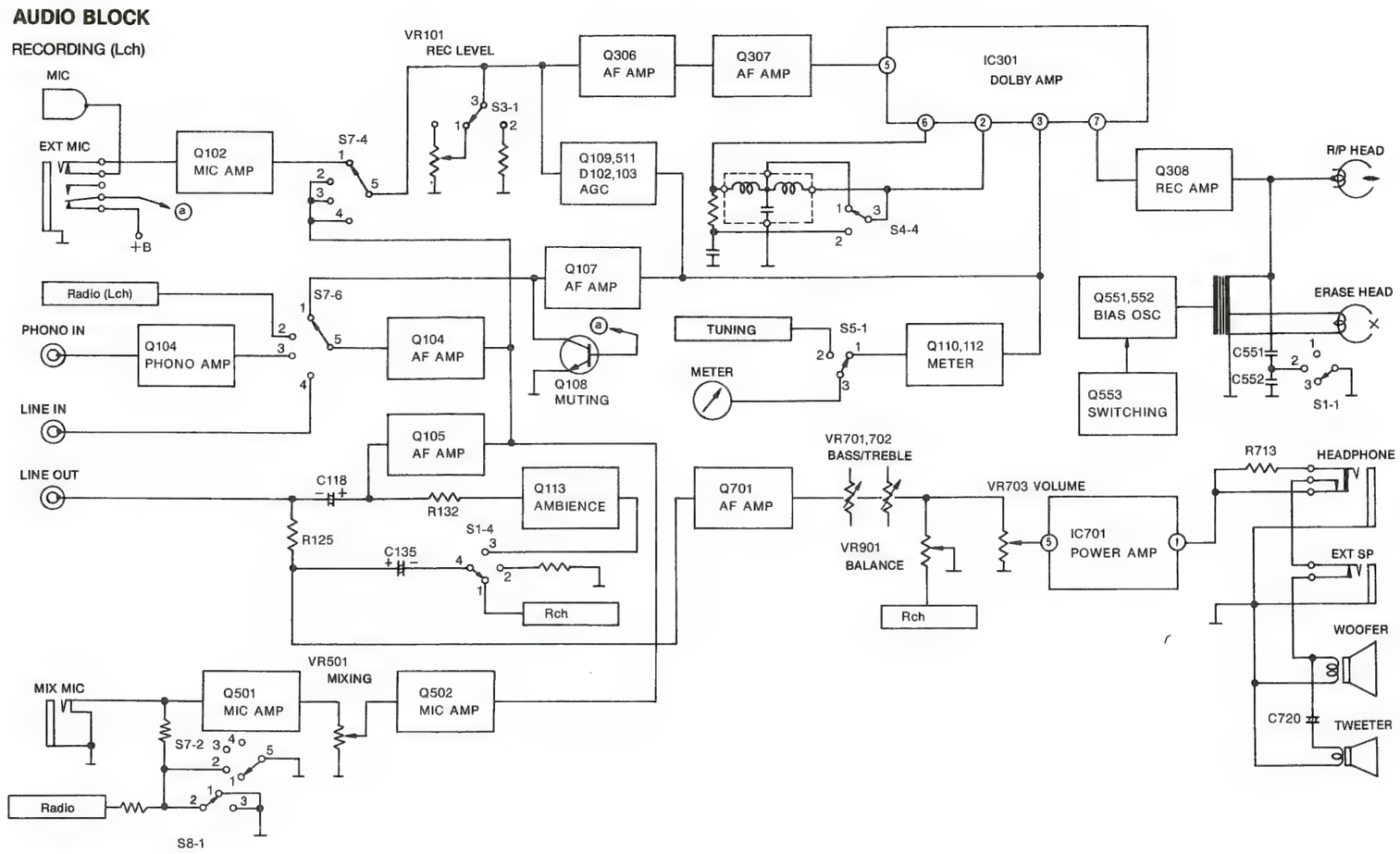


Fig. 23

BLOCK DIAGRAM

AUDIO BLOCK





RADIO BLOCK

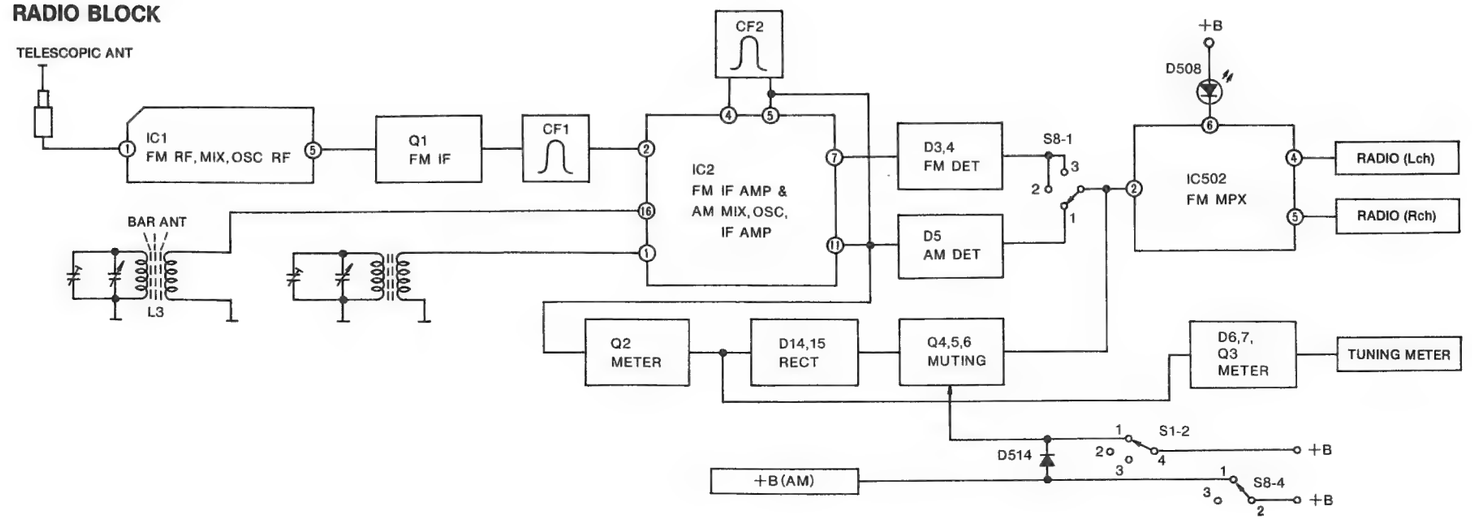


Fig. 23

EXPLODED VIEW

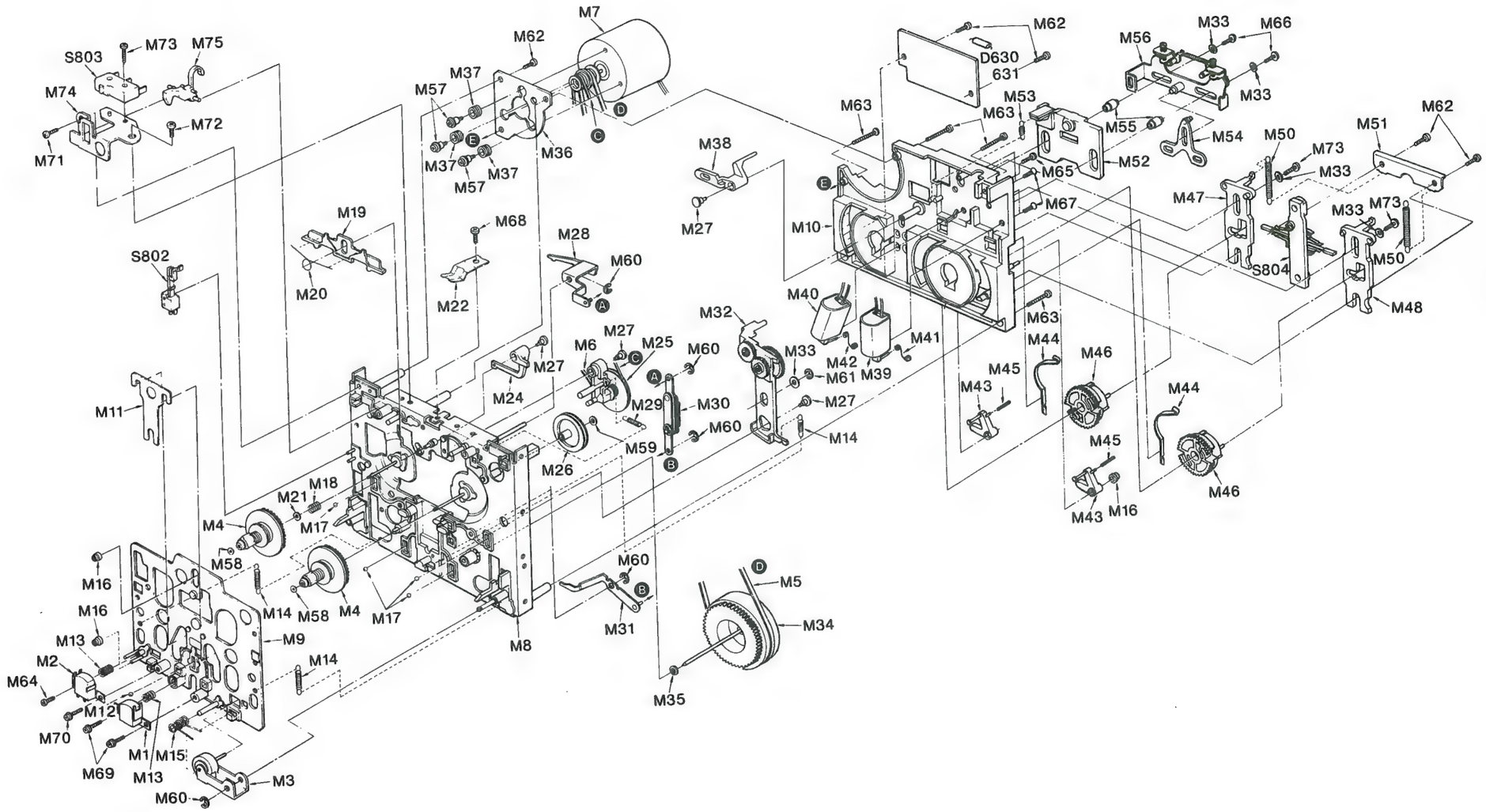


Fig. 24

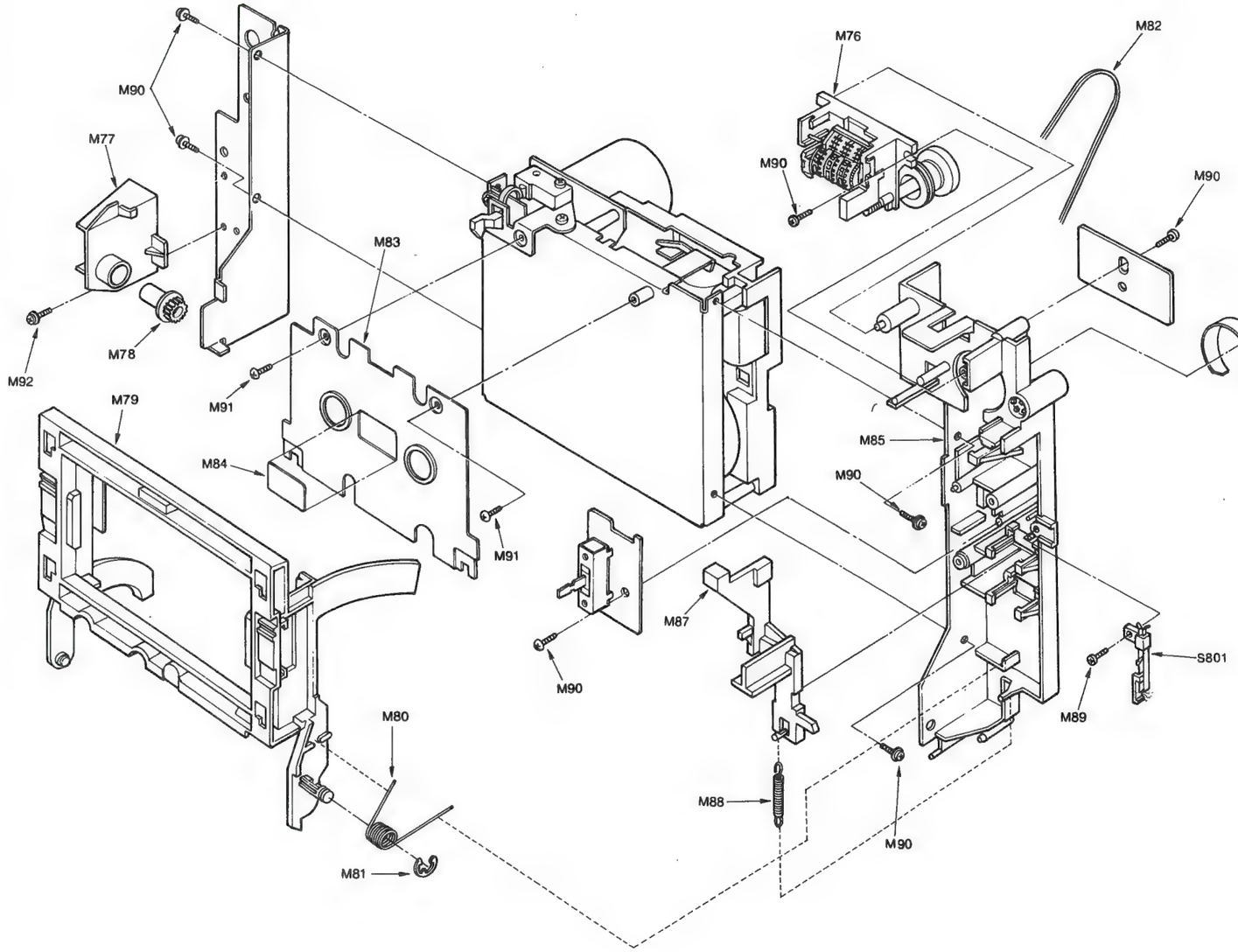

M90
M77
M92
M78
M79
M84
M91
M83
M91
M90
M87
M90
M80
M81
M88
M90
M89
S801
M85
M90
M76
M90
M82
M86

Fig. 25

CABINET PARTS LOCATION

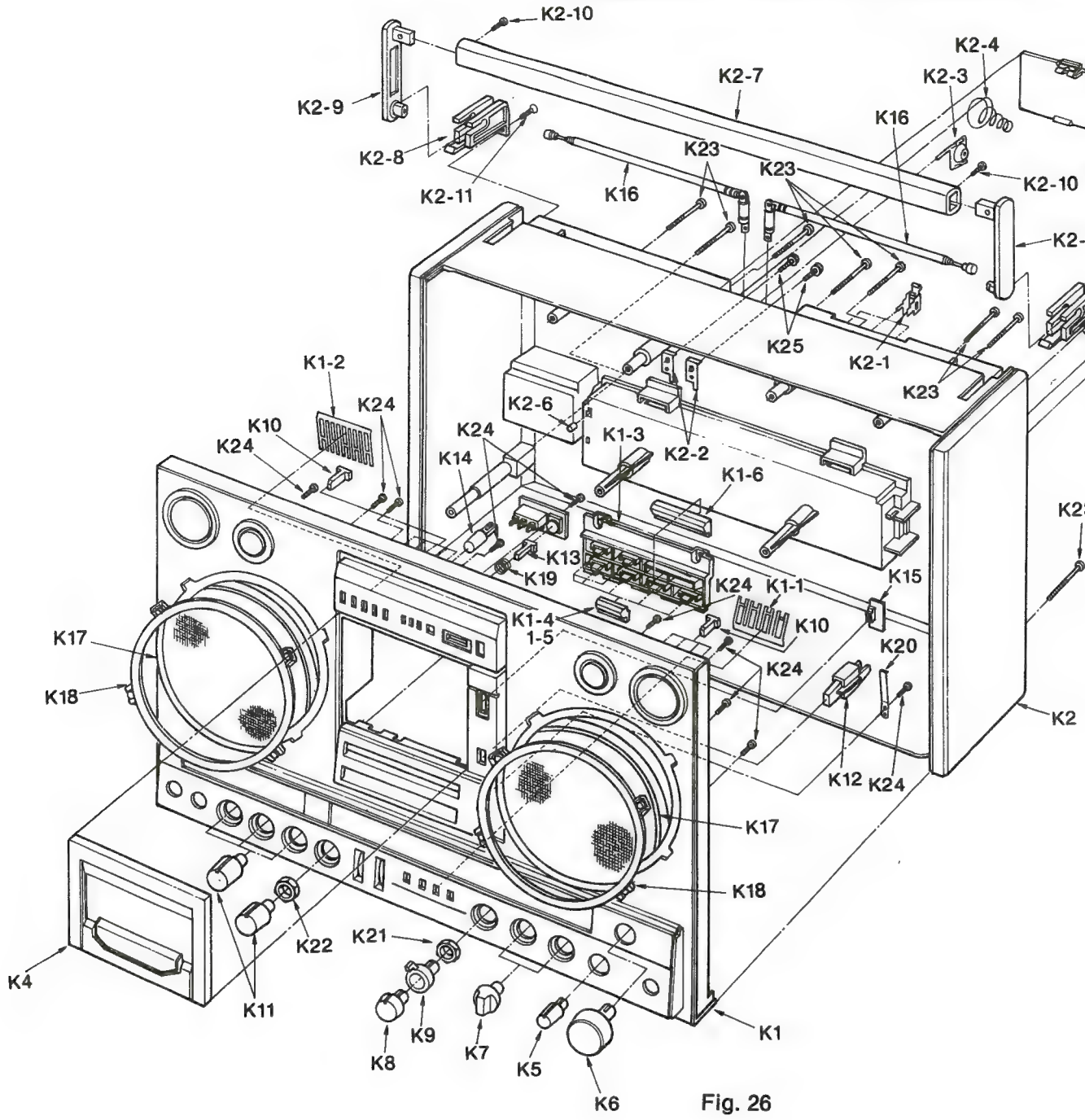


Fig. 26

ELECTRICAL PARTS LOCATIONS

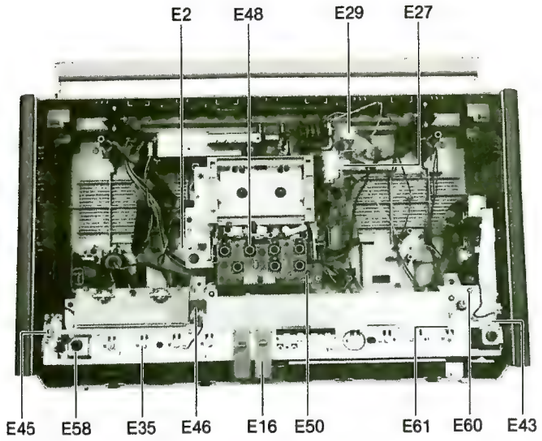


Fig. 27

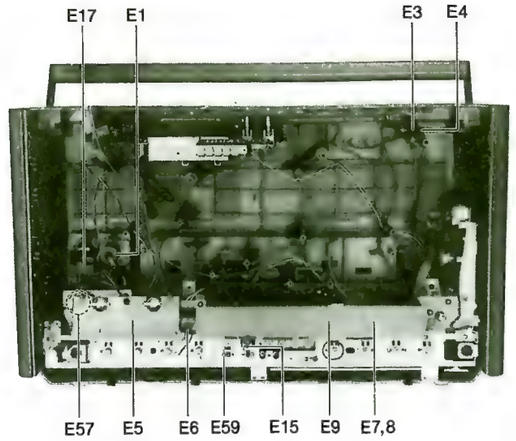


Fig. 28

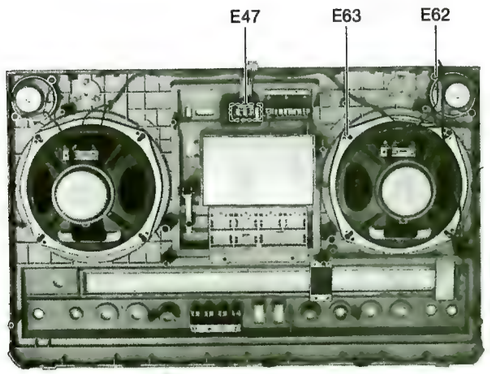


Fig. 29

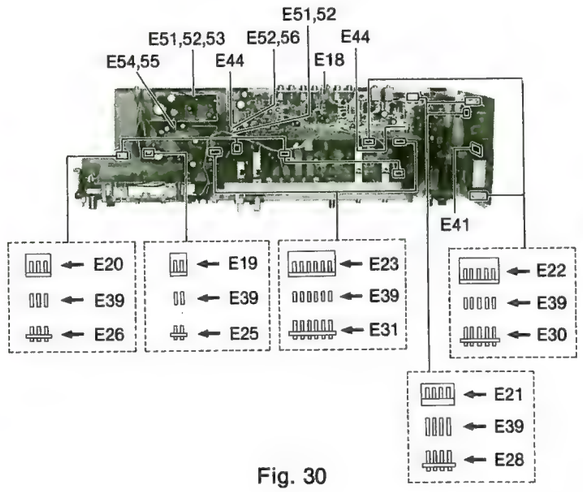


Fig. 30

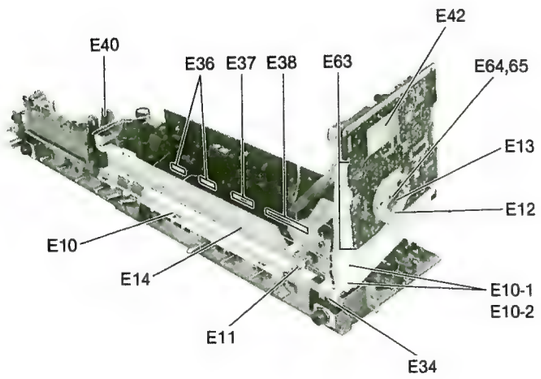


Fig. 31

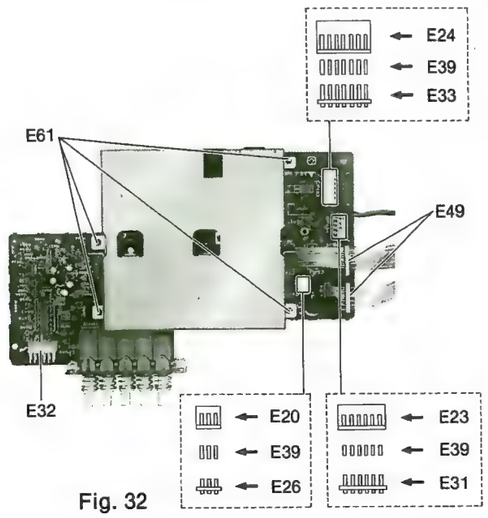


Fig. 32

■REPLACEMENT PARTS LIST·····Model RX-7000/©

(RD81031835C1)

NOTES: 1. Important safety notice.
Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.
2. The S mark indicates service standard parts and may differ from production parts.

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
		MECHANICAL PARTS		
M1	RJH2E5Z	Record/Playback Head	1	
M2	RJH7E2Z	Erase Head	1	
M3	RFR4Z	Pinch Roller Ass'y	1	
M4	RFJ11Z	Supply Reel Table Ass'y	2	
M5	RFB12Z	Main Belt	1	
M6	RFB13Z	Reel Belt	1	
M7	RFM4Z	Motor	1	
M8	RFU1Z	Chassis	1	
M9	RFU2Z	Head Base	1	
M10	RFU3Z	Sub Chassis	1	
M11	RFD91Z	Spring, Head Base	1	
M12	RFW1Z	Steel Ball	1	
M13	RFS109Z	Spring, Azimuth	2	
M14	RFS110Z	Spring, FF/REW	3	
M15	RFS111Z	Spring, Pinch Roller	1	
M16	RFX22Z	Stopper	3	
M17	RFW2Z	Steel Ball	4	
M18	RFS112Z	Back Tension Spring	1	
M19	RFY51Z	Brake Plate	1	
M20	RFS113Z	Brake Spring	1	
M21	RFN26Z	Washer	2	
M22	RFS114Z	Spring, Cassette Pressure	1	
M24	RFY52Z	Brake Release Lever	1	
M25	RFG6Z	Play Ass'y Clutch	1	
M26	RFQ12Z	Middle Pulley	1	
M27	RFX23Z	Cap	4	
M28	RFY53Z	Play Lever Ass'y	1	
M29	RFS115Z	Spring, Play Clutch	1	
M30	RFY54Z	Lever Ass'y	1	
M31	RFY55Z	Play Lever Ass'y	1	
M32	RFG7Z	FF/REW Gear Ass'y	1	
M33	RFN27Z	Washer	1	
M34	RFF9Y	Flywheel Ass'y	1	
M35	RFN28Z	Washer	1	
M36	RFD92Z	Bracket, Motor	1	
M37	RFI9Z	Rubber, Motor	3	
M38	RFY56Z	FF/REW Lever	1	
M39	RFP2Z	Plunger	1	
M40	RFP3Z	Plunger	1	
M41	RFS116Z	Connection Spring	1	
M42	RFS117Z	Connection Spring	1	
M43	RFX24Z	Stopper	2	
M44	RFS118Z	Spring	2	
M45	RFS119Z	Spring, Stopper	2	
M46	RFG8Z	Cam	2	
M47	RFY57Y	FF Lever Ass'y	1	

PACKING MATERIALS

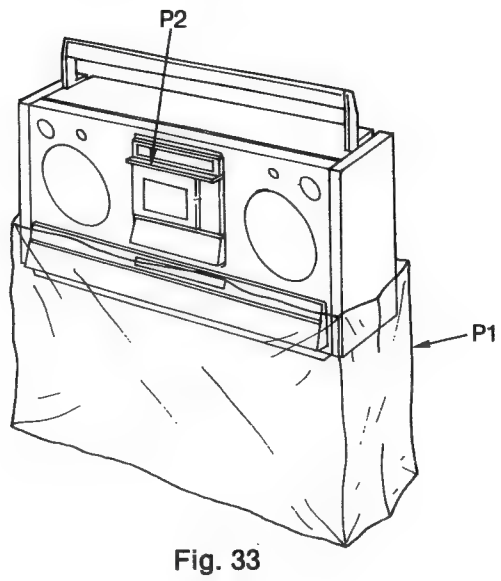


Fig. 33

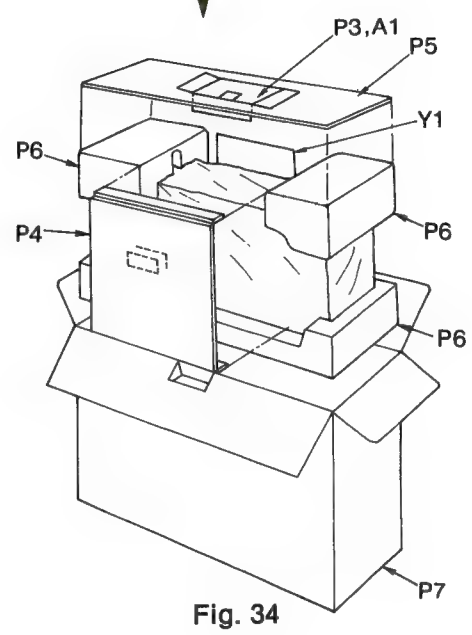


Fig. 34

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
M48	RFY58Y	REW Lever Ass'y	1	
M50	RFS120Z	Spring, Operation Lever	2	
M51	RFD93Z	Pressure Plate, Lever	1	
M52	RFU4Z	Play Lever Ass'y	1	
M53	RFS121Z	Spring, Play Lever	1	
M54	RFY60Z	Cam Ass'y	1	
M55	RFX25Z	Spacer	2	
M56	RFY61Z	FF/REW Lever Ass'y	1	
M57	RFE28Z	Screw	1	
M58	RFN29Z	Washer	1	
M59	RFN30Z	Washer	1	
M60	XUC2FT	Circlip	1	S
M61	XUC15FT	Circlip	1	S
M62	XTN26+6B	Screw	1	S
M63	XTN26+16B	Screw	1	
M64	XTN2+6B	Screw	1	S
M65	XTN26+10B	Screw	1	S
M66	XTN26+8B	Screw	1	
M67	XSS26+4	Screw	1	
M68	XTB26+5F	Screw	1	
M69	XSN2+W10	Screw	1	
M70	XSN2+W8	Screw	4	
M71	XTN26+6B	Screw	4	S
M72	XSN3+5S	Screw	3	
M73	XSN23+10	Screw	2	
M74	RFD94Z	Bracket, Switch	1	
M75	RFY62Z	Safety Lever	5	
M76	RSE9002Z	Counter	1	
M77	RME254Z	Bracket	5	
M78	RDG5697Z	Pumper Gear	4	
M79	RYQX7000N	Cassette Holder Ass'y	1	
M80	RDS5073Z	Eject Kick Spring	1	
M81	XUC5FT	Circlip	2	S
M82	RDV10Z	Counter Belt	4	
M83	RDH173Z	Mechanism Cover	1	
M84	RGX1130Z	Refrection Plate	2	
M85	RUA460Z	Counter Chassis	1	
M86	RUE44Z	Back York	1	
M87	RUB247Z	Eject Lever	1	
M88	RDS4171A	Spring, Eject Lever	3	
M89	XTNR2+6CFZ	Screw	1	
M90	XSN3+6S	Screw	1	S
M90	XWG3	Washer	1	S
M91	XTV26+6JFZ	Screw	2	
M92	XSN3+8S	Screw	1	S
M92	XWG3	Washer	1	S
M93	RFN46Z	Washer	1	
		INTEGRATED CIRCUITS, TRANSISTORS AND DIODES		
IC1	AN7213	IC	1	
IC2	RVIUPC1018CE	IC	1	
IC301,401	NE646B	IC	2	
IC501	RVIBA336	IC	1	
IC502	RVIBA1330	IC	1	
IC551	RVIBA328	IC	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
IC601	RVIUPD652C19	IC	1	
IC602	DN6839A	IC	1	
IC603	RVIM53273P	IC	1	
IC701,801	BA532S	IC	2	
Q1	2SC1359B	Transistor (Si)	1	S
Q2	2SA838-B	Transistor (Ge)	1	S
Q3,5	2SC1684	Transistor (Si)	2	
Q6,504,513,517,555	2SA722-S	Transistor (Ge)	5	S
Q101,106,107,110, 111,114,201,206, 207,210,211,214, 301,304∿306,401, 404∿406,503,505, 506,508∿512,514∿ 516,518∿521,556, 557,701,801,903	2SC1684S	Transistor (Si)	40	S
Q102,202,302,303, 402,403,501	2SC1845E	Transistor (Si)	7	S
Q103,203	2SC1328-T	Transistor (Si)	2	S
Q104,105,112,113,204, 205,212,213,308,310, 408,410,502,507	2SC1685-Q	Transistor (Si)	14	S
Q108,115,208,215, 309,409,551∿553	2SC1788RDR1	Transistor (Si)	9	
Q109,209	2SC828AGC3	Transistor (Si)	2	S
Q307,407	2SC1845E	Transistor (Si)	2	
Q554	2SA1015	Transistor (Ge)	1	
Q624,626,628,901,902	2SC1568-S	Transistor (Si)	5	S
Q601∿606,613,614,618, 620,629,630,642,644	2SB709S	Transistor (Ge)	14	
Q607∿611,617,619,621∿ 623,625,627,631∿637, 643,646,647	2SD601S,R	Transistor (Si)	22	S
Q641	2SC1317NCR	Transistor (Si)	1	S
Q645	2SD596DV3	Transistor (Si)	1	
D1,9∿13,102,103, 202,203,301,401, 510∿512,514∿517, 519∿523,553,903	MA161	Diode (Si)	26	S
D2	MA27C	Diode (Si)	1	S
D3,4,5∿7,14,15, 106,107,206,207	2OA90	Diode (Ge)	11	S
D8	MA27WA	Diode (Si)	1	
D501∿504	RVDSM1502	Diode (Si)	4	
D505	RVDDSA26BLF	Diode (Si)	1	
D507	LN324GP	LED (Ga)	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
D508,626∿628				
	LN224RP	LED (Ga)	4	
D601	RVDSLR34YC	Diode (Ga)	1	
D602,604,605				
	RVDSLR34GC	Diode (Ga)	3	
D603	RVDSLR34URC	Diode (Ga)	1	
D606,607,611∿614,617,618,625,629∿635				
	MA151K	Diode (Si)	16	
D608	MA151WA	Diode (Si)	1	
D615	MA151WK	Diode (Si)	1	
D619	RVDRD5R6EB2W	Diode (Si)	1	
D620	RVDRD6R8EB2W	Diode (Si)	1	
D624	MA150FV	Diode (Si)	1	
D636	RVDRD5R1EB2W	Diode (Si)	1	
D901,912	RVDRD10EB	Diode (Si)	2	
D904	RVDSM1502LF	Diode (Si)	1	
D907	LN222RP	LED (Ga)	1	
		COILS AND TRANSFORMERS		
L1	RLD4Y44	Coil, FM Tuning	1	
L2	RLD4Y43	Coil, FM Oscillator	1	
L3	RLF2D157	Coil, FM Antenna	1	
L4	RLO2M18	Coil, AM Oscillator	1	
L301,401	QLQM1531	Coil, Bias Trap	2	
L551	RLO9C27	Coil, Bias Oscillator	1	
L601	RLO9M12	Coil, Bias Oscillator	1	
T1	RLI4M101	IFT, FM	1	S
T2	RLI7W105	IFT, AM	1	S
T3	RLI2M402	IFT, AM	1	S
T4	RLI4M511	IFT, FM	1	
T5	RLA4Z6	Balun Coil	1	
T101,201	QLM1M2	Trap Coil	2	
T301,401	SLM1Z19	Filter, Dolby	2	
T901	RLT5L5Z1A	Power Transformer, For USA	1	⚠
T901	RLT5L5Z1B	Power Transformer, For Canada	1	⚠
		VARIABLE RESISTORS		
VR101,201	EWJSFAF14B14	Variable Resistor, 10kΩ (B)	2	
VR102,202	EVNJ0AA00B54	Variable Resistor, 50kΩ (B)	2	S
VR301,303,401,403				
	EVNM4AA00B15	Variable Resistor, 100kΩ (B)	4	S
VR302,402	EVNM4AA00B54	Variable Resistor 50kΩ (B)	2	S
VR501	EWH48A539A54	Variable Resistor, 50kΩ (A)	1	
VR502,551,552				
	EVNM4AA00B14	Variable Resistor, 10kΩ (B)	3	S
VR701,702,801,802				
	EWKEVA053A54	Variable Resistor, 50kΩ (A)	4	
VR703,803	EWJGAA053A54	Variable Resistor, 50kΩ (A)	2	
VR901	EVH2AA539G54	Variable Resistor, 50kΩ (G)	1	
		VARIABLE CAPACITOR		
VC1∿4	RCV4FC7B1M	Tuning Capacitor, w/Trimmer (CT1∿4)	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
		THERMISTOR		
TH551	RRT202	Thermistor	1	
		CERAMIC FILTERS		
CF1,2	RVFSFE107MAR	Ceramic Filter	2	
		COMPONENT COMBINATION		
Z1	RXABPWB3	Component Combination	1	
		SPEAKERS		
	EAS16P197S	Speaker, 16cm (6-1/2"), 3Ω Woofer	2	
	EAS5PH03SS	Speaker, 5cm (2"), 4Ω Tweeter	2	
		SWITCHES		
S1	RST3D13Z	Switch, Mode, Beat Proof	1	
S2	RST4D01Z	Switch, Tape	1	
S3∿6	RSHX040Z	Switch, Light, Meter, Dolby, Rec Mode	1	
S7	RSR4F03Z	Switch, Function	1	
S8	RSR2D02Z	Switch, Band	1	
S601∿607,614	RSH1A12Z	Switch, REW, FF, PAUSE, REC MUTE REC, PLAY, STOP, PROGRAM	8	
S608	RSS3B16Z	Switch, Timer Stand By	1	
S610∿613	RSHX041Z	Switch, Auto Operation	1	
S801	RSH1A22Y	Switch, Eject	1	
S802	RFA15Z	Switch, Sleep	1	
S803	RFA14Z	Switch, Rec Protect	1	
S804	RFA16Z	Switch, FF/Rew	1	
S901	RSH1A24Z	Switch, Power	1	
S903	RSR4A01W	Switch, Voltage Selector	1	⚠
		JACKS		
J1∿4,7,8	RJF1081Z	Jack, Line, Phono	3	
J5,6	RJJ1D2Z	Jack, EXT Mic	2	
J9,10	RJJ87Y	Jack, EXT SP	2	
J11	RJJ1E6Z	Jack, Mixing Mic	1	
J12	RJJ1E2Z	Jack, Headphone	1	
J13,14	QJS0328	Jack, AC/DC IN	1	⚠
J15	QJS1955H	Jack, Remote Control	1	
		RESISTORS (Value is in OHMS)		
R1,2	ERD25FJ101	100 1/4W Carbon	2	S
R3	ERD25FJ222	2.2 k " "	1	S
R4	ERD25FJ470	47 " "	1	S
R5	ERD25TJ154	150 k " "	1	S
R6	ERD25FJ331	330 " "	1	S
R8	ERD25TJ474	470 k " "	1	S
R9	ERD25FJ331	330 " "	1	S
R10	ERD25FJ102	1 k " "	1	S
R11	ERD25FJ103	10 k " "	1	S
R12,13	ERD25FJ101	100 " "	2	S
R14	ERD25FJ681	680 " "	1	S
R16	ERD25FJ332	3.3 k " "	1	S
R17,18	ERD25FJ102	1 k " "	2	S

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R19,20	ERD25FJ472	4.7 k 1/4W Carbon	2	S
R21	ERD25FJ102	1 k " "	1	S
R22	ERD25FJ681	680 " "	1	S
R23	ERD25FJ473	47 k " "	1	S
R24,25	ERD25FJ470	47 " "	2	S
R26	ERD25FJ472	4.7 k " "	1	S
R27	ERD25FJ103	10 k " "	1	S
R28	ERD25FJ332	3.3 k " "	1	S
R29	ERD25TJ684	680 k " "	1	S
R30	ERD25TJ334	330 k " "	1	S
R31	ERD25FJ332	3.3 k " "	1	S
R32	ERD25FJ101	100 " "	1	S
R33	ERD25FJ223	22 k " "	1	S
R34	ERD25FJ103	10 k " "	1	S
R35	ERD25FJ472	4.7 k " "	1	S
R36	ERD25TJ104	100 k " "	1	S
R37	ERD25FJ332	3.3 k " "	1	S
R38,39	ERD25TJ224	220 k " "	2	S
R40	ERD25FJ392	3.9 k " "	1	S
R42	ERD25FJ102	1 k " "	1	S
R43	ERD25FJ152	1.5 k " "	1	S
R44	ERD25TJ684	680 k " "	1	S
R45	ERD25FJ472	4.7 k " "	1	S
R46	ERD25FJ102	1 k " "	1	S
R48,49	ERD25TJ224	220 k " "	2	S
R101	ERD25FJ153	15 k " "	1	S
R102	ERD25FJ472	4.7 k " "	1	S
R103	ERD25FJ222	2.2 k " "	1	S
R104	ERD25TJ104	100 k " "	1	S
R105	ERD25FJ473	47 k " "	1	S
R106	ERD25FJ682	6.8 k " "	1	S
R107	ERD25FJ332	3.3 k " "	1	S
R108	ERD25TJ394	390 k " "	1	S
R109	ERD25FJ470	47 " "	1	S
R113	ERD25FJ332	3.3 k " "	1	S
R114	ERD25FJ103	10 k " "	1	S
R115	ERD25FJ183	18 k " "	1	S
R116	ERD25TJ155	1.5 M " "	1	S
R117	ERD25FJ221	220 " "	1	S
R118	ERD25FJ122	1.2 k " "	1	S
R119	ERD25FJ103	10 k " "	1	S
R120	ERD25FJ272	2.7 k " "	1	S
R121	ERD25TJ224	220 k " "	1	S
R122	ERD25TJ105	1 M " "	1	S
R123	ERD25TJ224	220 k " "	1	S
R124	ERD25FJ472	4.7 k " "	1	S
R125	ERD25FJ102	1 k " "	1	S
R126	ERD25FJ273	27 k " "	1	S
R128	ERD25FJ122	1.2 k " "	1	S
R129	ERD25FJ222	2.2 k " "	1	S
R130	ERD25FJ102	1 k " "	1	S
R131	ERD25FJ470	47 " "	1	S
R132	ERD25FJ332	3.3 k " "	1	S
R133	ERD25TJ105	1 M " "	1	S
R134	ERD25FJ121	120 " "	1	S
R135	ERD25FJ222	2.2 k " "	1	S
R136	ERD25FJ181	180 1/4W Carbon	1	S
R137	ERD25FJ822	8.2 k " "	1	S
R138	ERD25TJ154	150 k " "	1	S
R139	ERD25FJ333	33 k " "	1	S
R140	ERD25FJ223	22 k " "	1	S
R141	ERD25FJ333	33 k " "	1	S
R142	ERD25FJ472	4.7 k " "	1	S
R143	ERD25TJ105	1 M " "	1	S
R144	ERD25FJ472	4.7 k " "	1	S
R145	ERD25TJ105	1 M " "	1	S
R146	ERD25FJ102	1 k " "	1	S
R147	ERD25FJ472	4.7 k " "	1	S
R148	ERD25TJ274	270 k " "	1	S
R149	ERD25TJ104	100 k " "	1	S
R150	ERD25FJ273	27 k " "	1	S
R151	ERD25FJ223	22 k " "	1	S
R152	ERD25FJ473	47 k " "	1	S
R153	ERD25FJ102	1 k " "	1	S
R154	ERD25TJ104	100 k " "	1	S
R155	ERD25FJ472	4.7 k " "	1	S
R156	ERD25FJ101	100 " "	1	S
R158	ERD25TJ184	180 k " "	1	S
R159	ERD25FJ223	22 k " "	1	S
R161	ERD25FJ153	15 k " "	1	S
R162	ERD25FJ471	470 " "	1	S
R201	ERD25FJ153	15 k " "	1	S
R202	ERD25FJ472	4.7 k " "	1	S
R203	ERD25FJ222	2.2 k " "	1	S
R204	ERD25TJ104	100 k " "	1	S
R205	ERD25FJ473	47 k " "	1	S
R206	ERD25FJ682	6.8 k " "	1	S
R207	ERD25FJ332	3.3 k " "	1	S
R208	ERD25TJ394	390 k " "	1	S
R209	ERD25FJ470	47 " "	1	S
R213	ERD25FJ332	3.3 k " "	1	S
R214	ERD25FJ103	10 k " "	1	S
R215	ERD25FJ183	18 k " "	1	S
R216	ERD25TJ155	1.5 M " "	1	S
R217	ERD25FJ221	220 " "	1	S
R218	ERD25FJ122	1.2 k " "	1	S
R219	ERD25FJ103	10 k " "	1	S
R220	ERD25FJ272	2.7 k " "	1	S
R221	ERD25TJ224	220 k " "	1	S
R222	ERD25TJ105	1 M " "	1	S
R223	ERD25TJ224	220 k " "	1	S
R224	ERD25FJ472	4.7 k " "	1	S
R225	ERD25FJ102	1 k " "	1	S
R226	ERD25FJ273	27 k " "	1	S
R228	ERD25FJ122	1.2 k " "	1	S
R229	ERD25FJ222	2.2 k " "	1	S
R230	ERD25FJ102	1 k " "	1	S
R231	ERD25FJ470	47 " "	1	S
R232	ERD25FJ332	3.3 k " "	1	S
R233	ERD25TJ105	1 M " "	1	S
R234	ERD25FJ121	120 " "	1	S
R235	ERD25FJ222	2.2 k " "	1	S

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R236	ERD25FJ181	180 1/4W Carbon	1	S
R237	ERD25FJ822	8.2 k " "	1	S
R238	ERD25TJ154	150 k " "	1	S
R239	ERD25FJ333	33 k " "	1	S
R240	ERD25FJ223	22 k " "	1	S
R241	ERD25FJ333	33 k " "	1	S
R242	ERD25FJ472	4.7 k " "	1	S
R243	ERD25TJ105	1 M " "	1	S
R244	ERD25FJ472	4.7 k " "	1	S
R245	ERD25TJ105	1 M " "	1	S
R246	ERD25FJ102	1 k " "	1	S
R247	ERD25FJ472	4.7 k " "	1	S
R248	ERD25TJ274	270 k " "	1	S
R249	ERD25TJ104	100 k " "	1	S
R250	ERD25FJ273	27 k " "	1	S
R251	ERD25FJ223	22 k " "	1	S
R252	ERD25FJ473	47 k " "	1	S
R253	ERD25FJ102	1 k " "	1	S
R254	ERD25TJ104	100 k " "	1	S
R255	ERD25FJ472	4.7 k " "	1	S
R256	ERD25FJ101	100 " "	1	S
R258	ERD25TJ184	180 k " "	1	S
R259	ERD25FJ223	22 k " "	1	S
R261	ERD25FJ153	15 k " "	1	S
R264	ERD25FJ471	470 " "	1	S
R301	ERD25FJ153	15 k " "	2	S
R302,303	ERD25FJ562	5.6 k " "	1	S
R304	ERD25FJ100	10 " "	1	S
R305	ERD25FJ332	3.3 k " "	1	S
R306	ERD25TJ104	100 k " "	1	S
R307	ERD25FJ151	150 " "	1	S
R308	ERD25FJ473	47 k " "	1	S
R309	ERD25FJ153	15 k " "	1	S
R310	ERD25FJ472	4.7 k " "	1	S
R311	ERD25TJ224	220 k " "	1	S
R312	ERD25FJ682	6.8 k " "	1	S
R314	ERD25TJ334	330 k " "	1	S
R315	ERD25FJ223	22 k " "	1	S
R316	ERD25TJ334	330 k " "	1	S
R317	ERD25FJ392	3.9 k " "	1	S
R318	ERD25TJ684	680 k " "	1	S
R319	ERD25FJ681	680 " "	1	S
R321	ERD25FJ472	4.7 k " "	1	S
R322	ERD25TJ105	1 M " "	1	S
R323	ERD25FJ821	820 " "	1	S
R324	ERD25TJ394	390 k " "	1	S
R325	ERD25TJ154	150 k " "	1	S
R326	ERD25FJ473	47 k " "	1	S
R327	ERD25FJ332	3.3 k " "	1	S
R328	ERD25TJ105	1 M " "	2	S
R329,330	ERD25FJ102	1 k " "	1	S
R331	ERD25TJ274	270 k " "	1	S
R332	ERD25TJ184	180 k " "	1	S
R333	ERD25FJ473	47 k " "	1	S
R334	ERD25FJ222	2.2 k " "	1	S
R335	ERD25FJ472	4.7 k " "	1	S

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R336	ERD25TJ224	220 k 1/4W Carbon	1	S
R337	ERD25FJ102	1 k " "	1	S
R401	ERD25FJ153	15 k " "	2	S
R402,403	ERD25FJ562	5.6 k " "	1	S
R404	ERD25FJ100	10 " "	1	S
R405	ERD25FJ332	3.3 k " "	1	S
R406	ERD25TJ104	100 k " "	1	S
R407	ERD25FJ151	150 " "	1	S
R408	ERD25FJ473	47 k " "	1	S
R409	ERD25FJ153	15 k " "	1	S
R410	ERD25FJ472	4.7 k " "	1	S
R411	ERD25TJ224	220 k " "	1	S
R412	ERD25FJ682	6.8 k " "	1	S
R414	ERD25TJ334	330 k " "	1	S
R415	ERD25FJ223	22 k " "	1	S
R416	ERD25TJ334	330 k " "	1	S
R417	ERD25FJ392	3.9 k " "	1	S
R418	ERD25TJ684	680 k " "	1	S
R419	ERD25FJ681	680 " "	1	S
R421	ERD25FJ472	4.7 k " "	1	S
R422	ERD25TJ105	1 M " "	1	S
R423	ERD25FJ821	820 " "	1	S
R424	ERD25TJ394	390 k " "	1	S
R425	ERD25TJ154	150 k " "	1	S
R426	ERD25FJ473	47 k " "	1	S
R427	ERD25FJ332	3.3 k " "	1	S
R428	ERD25TJ105	1 M " "	2	S
R429,430	ERD25FJ102	1 k " "	1	S
R431	ERD25TJ274	270 k " "	1	S
R432	ERD25TJ184	180 k " "	1	S
R433	ERD25FJ473	47 k " "	1	S
R434	ERD25FJ222	2.2 k " "	1	S
R435	ERD25FJ472	4.7 k " "	1	S
R436	ERD25TJ224	220 k " "	1	S
R437	ERD25FJ102	1 k " "	1	
R501	ERC12ZGM335	3.3 M 1/2W Solid	1	S
R504	ERD25FJ562	5.6 k 1/4W Carbon	2	S
R505	ERD25FJ103	10 k " "	1	S
R507	ERD25TJ155	1.5 M " "	1	S
R508	ERD25FJ151	150 " "	1	S
R509	ERD25FJ472	4.7 k " "	1	S
R510	ERD25FJ222	2.2 k " "	1	S
R511	ERD25TJ474	470 k " "	1	S
R512	ERD25FJ221	220 " "	1	S
R513	ERD25FJ101	100 " "	1	S
R514	ERD25FJ182	1.8 k " "	1	S
R515	ERD25FJ153	15 k " "	1	S
R516	ERD25FJ473	47 k " "	1	S
R517	ERD25FJ472	4.7 k " "	1	S
R518	ERD25TJ824	820 k " "	1	S
R519	ERD25FJ330	33 " "	1	S
R520	ERD25FJ103	10 k " "	1	S
R521	ERD25TJ224	220 k " "	1	S
R522	ERD25TJ824	820 k " "	1	S
R523	ERD25FJ103	10 k " "	2	S
R524,525	ERD25FJ473	47 k " "		

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R526	ERD25FJ273	27 k 1/4W Carbon	1	S
R527	ERD25FJ102	1 k " "	1	S
R528	ERD25FJ473	47 k " "	1	S
R529	ERD25FJ101	100 " "	1	S
R530,531	ERD25TJ104	100 k " "	2	S
R532	ERD25FJ471	470 " "	1	S
R533	ERD25FJ101	100 " "	1	S
R534	ERD25FJ153	15 k " "	1	S
R535	ERD25FJ102	1 k " "	1	S
R536	ERD25FJ822	8.2 k " "	1	S
R537	ERD25FJ103	10 k " "	1	S
R538,539	ERD25FJ471	470 " "	2	S
R540	ERD25TJ683	68 k " "	1	S
R541	ERD25FJ103	10 k " "	1	S
R542	ERD25FJ473	47 k " "	1	S
R543	ERD25FJ153	15 k " "	1	S
R544	ERD25FJ473	47 k " "	1	S
R545,546	ERD25FJ101	100 " "	2	S
R547	ERD25FJ222	2.2 k " "	1	S
R548	ERC14GJ106	10 M " Solid	1	S
R549	ERD25FJ682	6.8 k " Carbon	1	S
R551	ERD25FJ1R0	1 " "	1	S
R552	ERD25FJ2R2	2.2 " "	1	S
R553	ERD25FJ222	2.2 k " "	1	S
R555,556	ERD25FJ472	4.7 k " "	2	S
R557	ERD25FJ272	2.7 k " "	1	S
R558	ERD25FJ152	1.5 k " "	1	S
R559	ERD25FJ472	4.7 k " "	1	S
R560	ERD25FJ472	4.7 k " "	1	S
R561	ERD2FCJ4R7	4.7 2W "	1	
R562	ERD25FJ472	4.7 k 1/4W "	1	S
R563	ERD25FJ392	3.9 k " "	1	S
R564	ERD25TJ104	100 k " "	1	S
R565	ERD25FJ392	3.9 k " "	1	S
R566	ERD25FJ152	1.5 k " "	1	S
R567	ERD25FJ472	4.7 k " "	1	S
R568	ERD25FJ101	100 " "	1	S
R569	ERD25FJ392	3.9 k " "	1	S
R570	ERD25FJ101	100 " "	1	S
R571	ERD25FJ223	22 k " "	1	S
R572	ERD25FJ103	10 k " "	1	S
R573	ERD25FJ2R2	2.2 " "	1	S
R580	ERD25FJ472	4.7 k " "	1	S
R581	ERD25FJ682	6.8 k " "	1	S
R582	ERD25FJ271	270 " "	1	S
R583	ERD25FJ392	3.9 k " "	1	S
R584	ERD25FJ101	100 " "	1	S
R585	ERD25FJ152	1.5 k " "	1	S
R586	ERD25FJ103	10 k " "	1	S
R587	ERD25FJ472	4.7 k " "	1	S
R588	ERD25FJ103	10 k " "	1	S
R589	ERD25FJ102	1 k " "	1	S
R590	ERD25FJ151	150 " "	1	S
R591	ERD25FJ101	100 " "	2	S
R592,593	ERD25FJ472	4.7 k " "	1	S
R594	ERD25FJ153	15 k " "		

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R595	ERD25FJ472	4.7 k 1/4W Carbon	1	S
R596	ERD25FJ103	10 k " "	1	S
R597	ERD25FJ392	3.9 k " "	1	S
R598	ERD25TJ104	100 k " "	1	S
R601	RRD18XK103	10 k 1/8W Chip	1	
R602	RRD18XK104	100 k " "	1	
R603	RRD18XK103	10 k " "	1	
R604	RRD18XK104	100 k " "	1	
R605	RRD18XK103	10 k " "	1	
R606	RRD18XK104	100 k " "	1	
R607	RRD18XK103	10 k " "	1	
R608	RRD18XK104	100 k " "	1	
R609	RRD18XK103	10 k " "	1	
R610	RRD18XK334	330 k " "	1	
R611	RRD18XK103	10 k " "	1	
R612	RRD18XK104	100 k " "	1	
R613	RRD18XK471	470 " "	1	
R614	RRD18XK103	10 k " "	1	
R615	RRD18XK471	470 " "	1	
R616	RRD18XK103	10 k " "	1	
R617	RRD18XK102	1 k " "	1	
R618	RRD18XK103	10 k " "	1	
R619	RRD18XK471	470 " "	1	
R620	RRD18XK103	10 k " "	1	
R621	RRD18XK471	470 " "	1	
R622	RRD18XK103	10 k " "	1	
R623	RRD18XK223	22 k " "	1	
R624∿631	RRD18XK473	47 k " "	8	
R636	RRD18XK334	330 k " "	1	
R637	RRD18XK472	4.7 k " "	1	
R638	RRD18XK823	82 k " "	1	
R639	RRD18XK104	100 k " "	1	
R640	RRD18XK223	22 k " "	1	
R641∿645	RRD18XK104	100 k " "	5	
R646	RRD18XK223	22 k " "	1	
R647	RRD18XK103	10 k " "	1	
R648	RRD18XK152	1.5 k " "	1	
R649	RRD18XK102	1 k " "	1	
R650	RRD18XK332	3.3 k " "	1	
R651	RRD18XK103	10 k " "	1	
R652	RRD18XK104	100 k " "	1	
R653	RRD18XK103	10 k " "	1	
R655	RRD18XK104	100 k " "	1	
R656	RRD18XK103	10 k " "	1	
R658	RRD18XK104	100 k " "	1	
R659	RRD18XK103	10 k " "	1	
R661	RRD18XK153	15 k " "	1	
R662	RRD18XK474	470 k " "	1	
R663∿665	RRD18XK681	680 " "	3	
R666∿669	RRD18XK103	10 k " "	4	
R670	RRD18XK334	330 k " "	1	
R671∿673	RRD18XK104	100 k " "	3	
R675	RRD18XK101	100 " "	1	
R676	RRD18XK223	22 k " "	1	
R677	RRD18XK473	47 k " "	1	
R678	RRD18XK103	10 k " "	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R679	RRD18XK471	470 1/8W Chip	1	
R680	RRD18XK103	10 k " "	1	
R681	RRD18XK471	470 " "	1	
R682	RRD18XK472	4.7 k " "	1	
R683	RRD18XK471	470 " "	1	
R685	RRD18XK820	82 " "	1	
R686	RRD18XK104	100 k " "	1	
R687	RRD18XK105	1 M " "	1	
R688,689	RRD18XK223	22 k " "	2	
R690~692	RRD18XK103	10 k " "	3	
R693	RRD18XK392	3.9 k " "	1	
R694	RRD18XK103	10 k " "	1	
R695	RRD18XK222	2.2 k " "	1	
R696	RRD18XK680	68 " "	1	
R697	RRD18XK334	330 k " "	1	
R698	RRD18XK103	10 k " "	1	
R699	RRD18XK102	1 k " "	1	
R701	ERD25FJ332	3.3 k 1/4W Carbon	1	S
R702	ERD25FJ392	3.9 k " "	1	S
R703	ERD25TJ824	820 k " "	1	S
R704	ERD25FJ181	180 " "	1	S
R705	ERD25FJ822	8.2 k " "	1	S
R706,707	ERD25FJ102	1 k " "	2	S
R709,710	ERD25FJ153	15 k " "	2	S
R711	ERD25FJ221	220 " "	1	S
R712	ERD25TJ154	150 k " "	1	S
R713	ERD25FJ221	220 " "	1	S
R801	ERD25FJ332	3.3 k " "	1	S
R802	ERD25FJ392	3.9 k " "	1	S
R803	ERD25TJ824	820 k " "	1	S
R804	ERD25FJ181	180 " "	1	S
R805	ERD25FJ822	8.2 k " "	1	S
R806,807	ERD25FJ102	1 k " "	2	S
R809,810	ERD25FJ153	15 k " "	2	S
R811	ERD25FJ221	220 " "	1	S
R812	ERD25TJ154	150 k " "	1	S
R813	ERD25FJ221	220 " "	1	S
R901	ERD25FJ471	470 " "	1	S
R902	ERD25FJ392	3.9 k " "	1	S
R903	ERD25FJ102	1 k " "	1	S
R904	ERD25FJ152	1.5 k " "	1	S
R905	ERD25FJ151	150 " "	1	S
R907	ERD25FJ471	470 " "	1	S
R1002	RRD18XK682	6.8 k 1/8W Chip	1	
R1003	RRD18XK103	10 k " "	1	
R1005	RRD18XK682	6.8 k " "	1	
R1008	RRD18XK560	56 " "	1	
R1009	RRD18XK101	100 " "	1	
R1010	RRD18XK104	100 k " "	1	
R1011	RRD18XK560	56 " "	1	
R1012	RRD18XK102	1 k " "	1	
R1013	RRD18XK682	6.8 k " "	1	
R1014	RRD18XK472	4.7 k " "	1	
R1015	RRD18XK224	220 k " "	1	
R1101,1102	ERD25TJ104	100 k 1/4W Carbon	2	S
R1103	ERD25FJ101	100 1/4W Carbon	1	S
R1104	ERD25FJ153	15 k " "	1	S
R1105	ERD25FJ223	22 k " "	1	S
R1106,1107	ERD25TJ104	100 k " "	2	S
R1108	ERD25FJ223	22 k " "	1	S
R1109	ERD25TJ104	100 k " "	1	S
R1110,1111	ERD25FJ103	10 k " "	2	S
R1112	ERD25FJ473	47 k " "	1	S
R1113	ERD25FJ103	10 k " "	1	S
R1114	ERD25FJ473	47 k " "	1	S
R1115	ERD25FJ103	10 k " "	1	S
R1116	ERD25TJ104	100 k " "	1	S
R1118	ERD25TJ474	470 k " "	1	S
		CAPACITORS (Value is in MICRO FARADS except P.P=PICO FARADS)		
C1	ECKD1H102KB	0.001 50V Ceramic	1	
C2	ECKD1H103MD	0.01 " "	1	
C3,4	ECKD1H102KB	0.001 " "	2	
C5	ECCD1H220KC	22 P " "	1	
C6	ECCD1H150KC	15 P " "	1	
C7	ECCD1H050C	5 P " "	1	
C8	ECCD1H070DC	7 P " "	1	
C9	ECCD1H220KC	22 P " "	1	
C10	ECFVD473MD	0.047 25V Semi-Conductor	1	
C11,12	ECKD1H103ZF	0.01 50V Ceramic	2	
C13	ECKD1H102ZF	0.001 " "	1	
C14	ECCD1H070DC	7 P " "	1	
C15	ECFVD333MD	0.033 25V Semi-Conductor	1	
C16	ECKD1H103MD	0.01 50V Ceramic	1	
C17	ECFVD333MD	0.033 25V Semi-Conductor	1	
C18	ECCD1H560KC	56 P 50V Ceramic	1	
C19	ECFVD223MD	0.022 25V Semi-Conductor	1	
C20	ECCD1H330KC	33 P 50V Ceramic	1	
C21	ECFVD223MD	0.022 25V Semi-Conductor	1	
C22	ECEA25Z4R7	4.7 " Electrolytic	1	S
C23	ECCD1H181K	180 P 50V Ceramic	1	
C24	ECKD1H103ZF	0.01 " "	1	
C25	ECEA1CS330	33 16V Electrolytic	1	S
C26	ECEA1AS470	47 10V "	1	S
C27	ECCD1H120KC	12 P 50V Ceramic	1	
C28	ECFVD223MD	0.022 25V Semi-Conductor	1	
C29	ECEA1HS100	10 50V Electrolytic	1	S
C30	ECEA1AS470	47 10V "	1	S
C31	ECKD1H472MD	0.0047 50V Ceramic	1	
C32	ECEA50Z1	1 " Electrolytic	1	S
C33	ECFVD153MD	0.015 25V Semi-Conductor	1	
C34	ECKD1H103ZF	0.01 50V Ceramic	1	
C35	ECEA1HS100	10 " Electrolytic	2	S
C37	ECFVD473MD	0.047 25V Semi-Conductor	1	
C38	ECEA50Z1	1 50V Electrolytic	1	S
C39	ECSF1AM105	1 10V "	1	
C40	ECEA1HSR33	0.33 50V "	1	
C41	ECSF1AM105	1 10V "	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C42	ECCD1H331K	330 P 50V Ceramic	1	
C43	ECKD1H103ZF	0.01 " "	1	
C44	ECCD1H331K	330 P " "	1	
C45	ECCD1H101K	100 P " "	1	
C46,47	ECCD1H331K	330 P " "	2	
C48	ECCD1H220KC	22 P " "	1	
C49	ECFVD473MD	0.047 25V Semi-Conductor	1	
C50	ECEA1AS101	100 10V Electrolytic	1	S
C52	ECKD1H103ZF	0.01 50V Ceramic	1	
C53	ECEA1HS0R1	0.1 " Electrolytic	1	
C54	ECFVD333MD	0.033 25V Semi-Conductor	1	
C55	ECKD1H103ZF	0.01 50V Ceramic	1	
C56	ECKD1H102KB	0.001 " "	1	
C58	ECKD1H103ZF	0.01 " "	1	
C59	ECCD1H331K	330 P " "	1	
C60	ECKD1H102KB	0.001 " "	1	
C61	ECCD1H331K	330 P " "	1	
C101	ECFVD223MD	0.022 25V Semi-Conductor	1	
C102	ECFVD333MD	0.033 " "	1	
C103	ECEA50Z1	1 50V Electrolytic	1	S
C104	ECKD1H102ZF	0.001 " Ceramic	1	
C105,106	ECEA50Z1	1 " Electrolytic	2	S
C107	ECKD1H102ZF	0.001 " Ceramic	1	
C108	ECEA1HSR22	0.22 " Electrolytic	1	
C109	ECFVD683MD	0.068 25V Semi-Conductor	1	
C110	ECEA1HS0R1	0.1 50V Electrolytic	1	
C111	ECFVD153KA	0.015 25V Semi-Conductor	1	
C112	ECFVD104MD	0.1 " "	1	
C113	ECFVD683MD	0.068 " "	1	
C114	ECEA1HSR33	0.33 50V Electrolytic	1	
C115	ECEA25Z4R7	4.7 25V "	1	S
C116	ECEA50Z1	1 50V "	1	S
C117	ECFVD223MD	0.022 25V Semi-Conductor	1	
C118	ECEA50Z1	1 50V Electrolytic	1	S
C119	ECEA1HS0R1	0.1 " "	1	
C120	ECFVD562KA	0.0056 25V Semi-Conductor	1	
C121	ECEA50Z1	1 50V Electrolytic	1	S
C122	ECFVD104MD	0.1 25V Semi-Conductor	1	
C123	ECFVD223MD	0.022 " "	1	
C124	ECEA1HSR33	0.33 50V Electrolytic	1	
C125	ECKD1H102ZF	0.001 " Ceramic	1	
C126	ECEA1ES100	10 25V Electrolytic	1	S
C127,128	ECEA1HS0R1	0.1 50V "	2	
C129	ECEA1AS221	220 10V "	1	S
C130	ECEA1ES100	10 25V "	1	S
C131	ECFVD153MD	0.015 " Semi-Conductor	1	
C132	ECEA1HSR22	0.22 50V Electrolytic	1	
C133,134	ECFVD103MD	0.01 25V Semi-Conductor	2	
C135,136	ECEA50Z1	1 50V Electrolytic	2	S
C201	ECFVD223MD	0.022 25V Semi-Conductor	1	
C202	ECFVD333MD	0.033 " "	1	
C203	ECEA50Z1	1 50V Electrolytic	1	S
C204	ECKD1H102ZF	0.001 " Ceramic	1	
C205,206	ECEA50Z1	1 " Electrolytic	2	S
C207	ECKD1H102ZF	0.001 " Ceramic	1	
C208	ECEA1HSR22	0.22 " Electrolytic	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C209	ECFVD683MD	0.068 25V Semi-Conductor	1	
C210	ECEA1HS0R1	0.1 50V Electrolytic	1	
C211	ECFVD153KA	0.015 25V Semi-Conductor	1	
C212	ECFVD104MD	0.1 " "	1	
C213	ECFVD683MD	0.068 " "	1	
C214	ECEA1HSR33	0.33 50V Electrolytic	1	
C215	ECEA25Z4R7	4.7 25V "	1	S
C216	ECEA50Z1	1 50V "	1	S
C217	ECFVD223MD	0.022 25V Semi-Conductor	1	
C218	ECEA50Z1	1 50V Electrolytic	1	S
C219	ECEA1HS0R1	0.1 " "	1	
C220	ECFVD562KA	0.0056 25V Semi-Conductor	1	
C221	ECEA50Z1	1 50V Electrolytic	1	S
C222	ECFVD104MD	0.1 25V Semi-Conductor	1	
C223	ECFVD223MD	0.022 " "	1	
C224	ECEA1HSR33	0.33 50V Electrolytic	1	
C225	ECKD1H102ZF	0.001 " Ceramic	1	
C226	ECEA1ES100	10 25V Electrolytic	1	S
C227,228	ECEA1HS0R1	0.1 50V "	2	
C229	ECEA1AS221	220 10V "	1	S
C230	ECEA1ES100	10 25V "	1	S
C231	ECFVD153MD	0.015 " Semi-Conductor	1	
C232	ECEA1HSR22	0.22 50V Electrolytic	1	
C233,234	ECFVD103MD	0.01 25V Semi-Conductor	2	
C235,236	ECEA50Z1	1 50V Electrolytic	2	S
C301	ECCD1H181K	180 P 50V Ceramic	1	
C302	ECEA1HS100	10 " Electrolytic	1	S
C303	ECCD1H331K	330 P " Ceramic	1	
C304	ECFVD333MD	0.033 25V Semi-Conductor	1	
C305	ECEA1AS470	47 10V Electrolytic	1	S
C306	ECEA50Z1	1 50V "	1	S
C307	ECQS2B361JZ	360 P 200V Styrol	1	
C308	ECKD1H102MD	0.001 50V Ceramic	1	
C309	ECKD1H103MD	0.01 " "	1	
C310~312	ECEA25Z4R7	4.7 25V Electrolytic	3	S
C314	ECKD1H102ZF	0.001 50V Ceramic	1	
C315	ECEA1HSR33	0.33 " Electrolytic	1	
C316	ECEA50Z1	1 " "	1	S
C317	ECEA1HS100	10 " "	1	S
C318	ECKD1H102ZF	0.001 " Ceramic	1	
C319	ECEA50Z1	1 " Electrolytic	1	S
C320	ECQS2B392JZ	3900 P 200V Styrol	1	
C321	ECEA1AS221	220 10V Electrolytic	1	S
C322	ECEA1HS100	10 50V "	1	S
C323	ECFVD472KA	0.0047 25V Semi-Conductor	1	
C324	ECFVD273KA	0.027 " "	1	
C325	ECEA1HSR33	0.33 50V Electrolytic	1	
C326	ECEA1HS0R1	0.1 " "	1	
C327	ECEA1HS100	10 " "	1	S
C328	ECFVD473MD	0.047 25V Semi-Conductor	1	
C329,330	ECEA50Z1	1 50V Electrolytic	2	S
C331	ECFVD683MD	0.068 25V Semi-Conductor	1	
C332	ECEA50Z1	1 50V Electrolytic	1	S
C333	ECKD1H102MD	0.001 " Ceramic	1	
C335	ECKD1H102ZF	0.001 " "	1	
C401	ECCD1H181K	180 P " "	1	

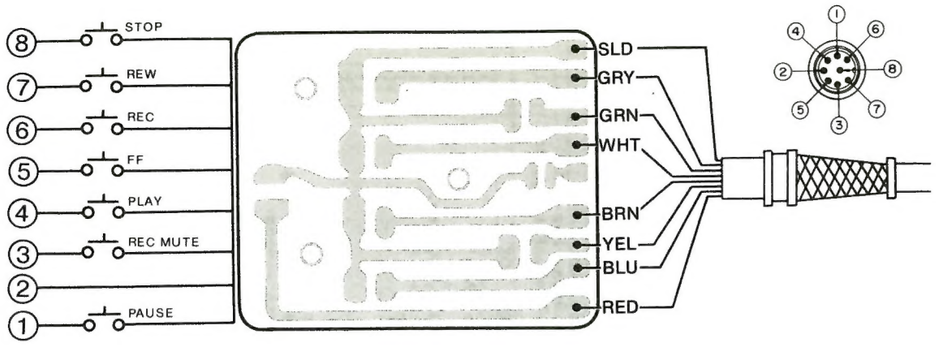
Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C402	ECEA1HS100	10 50V Electrolytic	1	S
C403	ECCD1H331K	330 P " Ceramic	1	
C404	ECFVD333MD	0.033 25V Semi-Conductor	1	
C405	ECEA1AS470	47 10V Electrolytic	1	S
C406	ECEA50Z1	1 50V "	1	S
C407	ECQS2B361JZ	360 P 200V Styrol	1	
C408	ECKD1H102MD	0.001 50V Ceramic	1	
C409	ECKD1H103MD	0.01 " "	1	
C410∿412	ECEA25Z4R7	4.7 25V Electrolytic	3	S
C414	ECKD1H102ZF	0.001 50V Ceramic	1	
C415	ECEA1HSR33	0.33 " Electrolytic	1	
C416	ECEA50Z1	1 " "	1	S
C417	ECEA1HS100	10 " "	1	S
C418	ECKD1H102ZF	0.001 " Ceramic	1	
C419	ECEA50Z1	1 " Electrolytic	1	S
C420	ECQS2B392JZ	3900 P 200V Styrol	1	
C421	ECEA1AS221	220 10V Electrolytic	1	S
C422	ECEA1HS100	10 50V "	1	S
C423	ECFVD472KA	0.0047 25V Semi-Conductor	1	
C424	ECFVD273KA	0.027 " "	1	
C425	ECEA1HSR33	0.33 50V Electrolytic	1	
C426	ECEA1HS0R1	0.1 " "	1	
C427	ECEA1HS100	10 " "	1	S
C428	ECFVD473MD	0.047 25V Semi-Conductor	1	
C429,430	ECEA50Z1	1 50V Electrolytic	2	S
C431	ECFVD683MD	0.068 25V Semi-Conductor	1	
C432	ECEA50Z1	1 50V Electrolytic	1	S
C433	ECKD1H102MD	0.001 " Ceramic	1	
C435	ECKD1H102ZF	0.001 " "	1	
C501	ECEA1HS0R1	0.1 " Electrolytic	1	
C502	ECFVD223MD	0.022 25V Semi-Conductor	1	
C503	ECEA1HSR33	0.33 50V Electrolytic	1	
C504	ECEA1AS221	220 10V "	1	S
C505	ECEA1HS0R1	0.1 50V "	1	
C506	ECKD1H102ZF	0.001 " Ceramic	1	
C507	ECEA1ES100	10 25V Electrolytic	1	S
C508	ECEA50Z2R2	2.2 50V "	1	S
C509	ECEA1AS221	220 10V "	1	S
C510	ECKD1H102ZF	0.001 50V Ceramic	1	
C511	ECKD1H103MD	0.01 " "	1	
C512	ECEA1ES100	10 25V Electrolytic	1	S
C513	ECEA50Z1	1 50V "	1	S
C514∿517	ECKD1H103ZF	0.01 " Ceramic	4	
C518	ECEA1AS221	220 10V Electrolytic	1	S
C519	ECQS2B681JZ	680 P 200V Styrol	1	
C520	ECEA1HSR22	0.22 50V Electrolytic	1	
C521	ECEA50ZR47	0.47 " "	1	S
C522	ECEA50Z3R3	3.3 " "	1	S
C523	ECEA1ES100	10 25V "	1	S
C524	ECFVD473MD	0.047 " Semi-Conductor	1	
C526	ECEA1AS471	470 10V Electrolytic	1	S
C527	ECEA1AS221	220 " "	1	S
C528	ECEA1AS102	1000 " "	1	S
C529	ECEA25Z4R7	4.7 25V "	1	S
C530	ECEA50Z3R3	3.3 50V "	1	S
C531	ECEA25Z4R7	4.7 25V "	1	S

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C532	ECEA1AS221	220 10V Electrolytic	1	S
C533	ECEA50Z1	1 50V "	1	S
C534,535	ECEA1AS471	470 10V "	2	S
C536	ECEA50Z1	1 50V "	1	S
C537,538	ECEA1AS221	220 10V "	2	S
C539	ECEA1AS470	47 " "	1	S
C540	ECKD1H103ZF	0.01 50V Ceramic	1	
C541,542	ECEA50Z1	1 " Electrolytic	2	S
C543	ECEA1CS100	10 16V "	1	S
C544	ECEA50Z1	1 50V "	1	S
C545	ECEA25Z4R7	4.7 25V "	1	S
C546	ECEA1ES100	10 " "	1	S
C547	ECEA50Z3R3	3.3 50V "	1	S
C548	ECEA1AS221	220 10V "	1	S
C549	ECFVD223MD	0.022 25V Semi-Conductor	1	
C551	ECQS2B392JZ	3900 P 200V Styrol	1	
C552	ECQG05683KZ	0.068 50V Polyester	1	
C553	ECEA1AS221	220 10V Electrolytic	1	S
C554	ECEA1AS221	220 " "	1	S
C555	ECKD1H103MD	0.01 50V Ceramic	1	
C556	ECQG05123KZ	0.012 " Polyester	1	
C557,558	ECQG05472MZ	0.0047 " "	2	
C559	ECEA1AS221	220 10V Electrolytic	1	S
C560	ECEA1AS471	470 " "	1	S
C562	ECEA50Z3R3	3.3 50V "	1	S
C563	ECEA1AS221	220 10V "	1	S
C564	ECEA1AS101	100 " "	1	S
C565	ECEA1AS221	220 " "	1	S
C566	ECSF1CS106	10 16V "	1	
C567	ECCD1H181K	180 P 50V Ceramic	1	
C580	ECFVD683MD	0.068 25V Semi-Conductor.	1	
C581	ECEA1HSR33	0.33 50V Electrolytic	1	
C582	ECFVD223MD	0.022 25V Semi-Conductor	1	
C583	ECEA1CS330	33 16V Electrolytic	1	S
C584	ECEA25Z4R7	4.7 25V "	1	S
C585	ECCD1H101K	100 P 50V Ceramic	1	
C586	ECFVD104MD	0.1 25V Semi-Conductor	1	
C601,602	ECUX1H103ZF	0.01 50V Chip	2	
C603	ECEA1HS100	10 " Electrolytic	1	S
C605,606	ECEA1AS470	47 10V "	2	S
C607	ECEA1HSR22	0.22 50V "	1	
C608	ECEA1AS470	47 10V "	1	S
C609	ECEA1AS221	220 " "	1	S
C618,619	ECUX1H103ZF	0.01 50V Chip	2	
C621	ECUX1H103ZF	0.01 " "	1	
C626	ECUX1H102MD	0.001 " "	1	
C627,628	ECEA50Z1	1 " Electrolytic	2	S
C630	ECEA25Z4R7	4.7 25V "	1	S
C631,632	ECUX1H103ZF	0.01 50V Chip	2	
C633	ECEA1AS470	47 10V Electrolytic	1	S
C635	ECEA1HS100	10 50V "	1	S
C640∿644	ECUX1H102MD	0.001 " Chip	5	
C645	ECUX1H223MD	0.022 " "	1	
C646	ECEA1HS100	10 " Electrolytic	1	S
C647,648	ECEA1AS470	47 10V "	2	S
C649	ECEA0JS222	2200 6.3V "	1	S

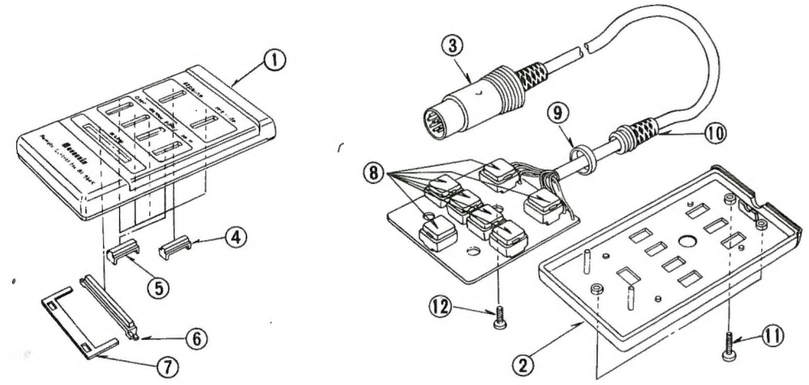
Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C651	ECEA1AS470	47 10V Electrolytic	1	S
C652	ECEA25Z4R7	4.7 25V "	1	S
C659	ECUX1H153MD	0.015 50V Chip	1	
C701	ECEA50Z1	1 " Electrolytic	1	S
C702	ECKD1H472MD	0.0047 " Ceramic	1	
C703	ECEA50Z1	1 " Electrolytic	1	S
C704	ECFVD223MD	0.022 25V Semi-Conductor	1	
C705	ECEA1HSR22	0.22 50V Electrolytic	1	
C706	ECKD1H682MD	0.0068 " Ceramic	1	
C707	ECEA1HSR22	0.22 " Electrolytic	1	
C708	ECKD1H102MD	0.001 " Ceramic	1	
C709	ECEA1HS0R1	0.1 " Electrolytic	1	
C710	ECEA1AS101	100 10V "	1	S
C711	ECKD1H471KB	470 P 50V Ceramic	1	
C712	ECCD1H820K	82 P " "	1	
C713	ECEA50Z1	1 " Electrolytic	1	S
C714	ECEA1AS470	47 10V "	1	S
C715	ECKD1H102MD	0.001 50V Ceramic	1	
C716	ECCD1H331K	330 P " "	1	
C717	ECKD1H222MD	0.0022 " "	1	
C718	ECQG05224MZ	0.22 " Polyester	1	
C719	ECEA1AS102	1000 10V Electrolytic	1	S
C720	ECEA25Y6R8	6.8 25V "	1	
C801	ECEA50Z1	1 50V "	1	S
C802	ECKD1H472MD	0.0047 " Ceramic	1	
C803	ECEA50Z1	1 " Electrolytic	1	S
C804	ECFVD223MD	0.022 25V Semi-Conductor	1	
C805	ECEA1HSR22	0.22 50V Electrolytic	1	
C806	ECKD1H682MD	0.0068 " Ceramic	1	
C807	ECEA1HSR22	0.22 " Electrolytic	1	
C808	ECKD1H102MD	0.001 " Ceramic	1	
C809	ECEA1HS0R1	0.1 " Electrolytic	1	
C810	ECEA1AS101	100 10V "	1	S
C811	ECKD1H471KB	470 P 50V Ceramic	1	
C812	ECCD1H820K	82 P " "	1	
C813	ECEA50Z1	50 " Electrolytic	1	S
C814	ECEA0JS470	47 6.3V "	1	S
C815	ECKD1H102MD	0.001 50V Ceramic	1	
C816	ECCD1H331K	330 P " "	1	
C817	ECKD1H222MD	0.0022 " "	1	
C818	ECQG05224MZ	0.22 " Polyester	1	
C819	ECEA1AS102	1000 10V Electrolytic	1	S
C820	ECEA25Y6R8	6.8 25V "	1	
C901	ECEA1AS101	100 10V "	1	S
C902	ECEA1ES332	3300 25V "	1	S
C903	ECEA1AS221	220 10V "	1	S
C904,905	ECKD1H103ZF	0.01 50V Ceramic	2	
C906	ECEA1AS221	220 10V Electrolytic	1	S
C907	ECEA0JS470	47 6.3V "	1	S
C908	ECKD1H103ZF	0.01 50V Ceramic	1	
C909	ECEA1ES101	100 25V Electrolytic	1	S
C912	ECEA1AS471	470 10V "	1	S
C913	ECEA50Z1	1 50V "	1	S
C914	ECKD1H103ZF	0.01 " Ceramic	1	
C915	ECEA1AS471	470 10V Electrolytic	1	S
C916	ECEA1AS221	220 " "	1	S
C917	ECEA1VS102	1000 35V Electrolytic	1	S
C918	ECEA1ES470	47 25V "	1	S
		CABINET PARTS		
K1	RYMX7000M8	Front Cabinet Ass'y	1	
K1-1	RUS433Z	Spring, Switch	1	
K1-2	RUS434Z	Spring, Switch	1	
K1-3	RKE371Z	Holder, Button	1	
K1-4	RBC323Z	Button, Rec Mute	1	
K1-5	RBC324Z	Button, REW, PLAY etc	5	
K1-6	RBC325Z	Button, STOP	1	
K2	RYFX7000M7	Rear Cabinet Ass'y, For USA	1	
K2	RYFX7000C7	Rear Cabinet Ass'y, For Canada	1	
K2-1	RJF1065Z	Terminal, EXT Ant	3	
K2-2	RJT698Z	Terminal, Telescopic Ant	2	
K2-3	RJC111Z	Terminal, Battery + Side	1	
K2-4	RJC512Z	Spring, Battery - Side	1	
K2-5	RJC936Z	Terminal, Battery +, - Side	1	
K2-6	RJT398Y	Connecting Pipe	1	
K2-7	RKH103Z7	Handle	1	
K2-8	RKT126Z	Stopper	2	
K2-9	RKX180Z	Arm, Handle	2	
K2-10	XTB3+8BFN	Screw, Handle M'tg	2	
K2-11	XTS3+12BFN	Screw, Arm M'tg	2	
K3	RYNX7200N7	Battery Cover Ass'y	1	
K4	RYPX7000N	Cassette Panel Ass'y	1	
K5	RBN554Z	Knob, Mixing Level	1	
K6	RBN561Z	Knob, Tuning	1	
K7	RBN562Z	Knob, Band, Function	2	
K8	RBN556Z	Knob, Rec Level	1	
K9	RBS174Z	Knob, Rec Level	1	
K10	RBC319Z	Knob, Auto Play, Dolby etc.	9	
K11	RBN557Z	Knob, Volume, Tone etc.	4	
K12	RBC313Z	Button, Eject	1	
K13	RBC318Z	Button, TPS	1	
K14	RBC322Z	Button, Power	1	
K15	RBD133Z	Button, Timer Stand By	1	
K16	XEARR180FAY	Telescopic Ant	2	
K17	RGM205Z	Metal Grille, Woofer	2	
K18	RGX1173Z	Ornament, Woofer	2	
K19	RDS5105Z	Spring, TPS Button	1	
K20	RUS432Z	Spring, Eject Button	1	
K21	XNS9	Nut, Rec Level M'tg	1	S
K22	XNS8	Nut, Treble M'tg	1	S
K23	XTN35+50G	Screw, Cabinet M'tg	8	
K24	XTV3+12G	Screw	10	
K25	XYN3+F16FN	Screw, Telescopic Ant M'tg	2	
		ELECTRICAL PARTS		
E1	RUV387Z	Cover, Voltage Selector	1	⚠
E2	RJT301-1	Terminal, Earth	1	
E3	RJM142Z	Built-in Microphone	2	
E4	QBG1526	Rubber, Microphone	2	
E5	RSM9507Y	Meter	1	
E6	XAMR43T150A	Pilot Lamp	1	
E7	RKD571Y	Scale, Dial	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
E8	RDH177Z	Back Plate, Dial	1	
E9	RDP824Z	Pointer, Dial	1	
E10	RZAX7000N	Dial Chassis Ass'y	1	
E10-1	RDR20-3	Pulley, Dial	2	
E10-2	RDY43Z	Shaft, Pulley	2	
E11	RDT9122Z	Shaft, Tuning	1	
E12	RDD4017Z	Drum, Dial	1	
E13	RDS4090A	Spring, Dial	1	
E14	RDZ05Z	Cord, Dial	1	
E15	RBS175Z	Knob, Switch	2	
E16	RUV617Z	Cover, Switch	2	
E17	RUV603Z	Cover, AC IN Jack	1	⚠
E18	RJF1046Z	Terminal, Phono Earth	1	
E19	RJS171Z	Socket, 2 Pin	2	
E20	RJS253Y	Socket, 3 Pin	6	
E21	RJS216Y	Socket, 4 Pin	5	
E22	RJS217Y	Socket, 5 Pin	3	
E23	RJS112Y	Socket, 6 Pin	4	
E24	RJS219Y	Socket, 7 Pin	1	
E25	RJP213Z	Plug, 2 Pin	1	
E26	RJP137Z	Plug, 3 Pin	5	
E27	RJP133Z	Plug, 3 Pin	1	
E28	RJP107Z	Plug, 4 Pin	3	
E29	RJP134Z	Plug, 4 Pin	1	
E30	RJP116Z	Plug, 5 Pin	2	
E31	RJP142Z	Plug, 6 Pin	3	
E32	RJP144Z	Plug, 6 Pin	1	
E33	RJP119Z	Plug, 7 Pin	1	
E34	XTW3+8L	Screw, Dial Chassis M'tg	1	
E35	XNS8D	Nut	4	
E36	RJT666Z	Connector, 5 Pin	2	
E37	RJT729Z	connector, 12 Pin	1	
E38	RJT748Z	Connector, 18 Pin	1	
E39	RJT462Z	Terminal	88	
E40	RMM49Z	Bracket, Meter	1	
E41	RMC171Y	Shield Cover, IC	1	
E42	RMC228A	Shield Cover	1	
E43	RJT202B	Terminal, Earth	2	
E44	RMD1111Z	Bracket, PC Board	1	
E45	RMP128Z	Holder, LED	1	
E46	RMP153Z	Holder, LED	1	
E47	RMP154Z	Holder, LED	1	
E48	RMP158Z	Holder, LED	5	
E49	RUL532Z	Bracket, Lead Wire	5	
E50	XTV3+12GR	Red Screw, PC Board M'tg	13	
E51	XSN3+6S	Screw, Heat Sink M'tg	8	S
E52	XWA3B	Washer	10	S
E53	XWG3F13	Washer	2	S
E54	XTN3+8B	Screw, Heat Sink M'tg	2	S
E55	XWG3	Washer	2	S
E56	XSN3+8S	Screw, PC Board M'tg	2	S
E57	XYC4+BF6	Screw, Transformer M'tg	2	
E58	XNS12D	Nut, Headphone Jack	2	
E59	XTW3+6L	Screw, PC Board M'tg	1	
E60	XTV3+10G	Screw, PC Board M'tg	5	
E61	XTW3+8L	Screw, PC Board M'tg	8	
E62	XTW3+12F	Screw, Tweeter M'tg	4	
E63	XTV3+12G	Screw, Woofer M'tg	17	
E64	XSN26+8	Screw, Dial Drum M'tg	1	S
E65	XWA26B	Washer	1	S
		ACCESSORIES		
	RJA22Y	Power Cord, AC	1	⚠
A1	RJL6Z	Remote Control	1	
		PACKING MATERIALS		
P1	RPP402Z	Polyethylene Cover	1	
P2	RPN3337Z	Pad	1	
P3	RPS94Z	Accessory Box	1	
P4	RPN3333Z	Pad, Front	1	
P5	RPN3378Z	Pad, Upper	1	
P6	RPN9364Z	Pad Complete	1	
P7	RPK1104Z	Gift Box, For USA	1	
P7	RPK1135Z	Gift Box, For Canada	1	
		PRINTED MATERIALS		
Y1	RQX6706Z	Instruction Book, For USA	1	
Y1	RQX6734Z	Instruction Book, For Canada	1	
		REMOTE CONTROL BOX		
1	RYMD7000M	Cabinet Ass'y	1	
2	RYFD7000M	Cabinet Cover Ass'y	1	
3	RWED9840N	Cord	1	
4	QG01724	Button, PAUSE, REC etc.	5	
5	QG01725	Button, REC	1	
6	QG01726	Button, STOP	1	
7	QML3662	Guide Lever	1	
8	QSW1116	Switch	7	
9	QTD1288	Clamper	1	
10	QBG1685	Bushing	1	
11	XTS26+10	Screw, Cover M'tg	3	S
12	XTN3+6B	Screw, Circuit Board M'tg	1	S

SCHEMATIC DIAGRAM AND CIRCUIT BOARD OF REMOTE CONTROL BOX



PARTS LOCATION OF REMOTE CONTROL BOX



RD Ⓕ M/C
Printed in Japan

ORDER NO. RD81041890S1

Service Manual

Supplement -1

FM/AM/FM STEREO
RADIO CASSETTE

Radio Cassette
RX-7000/©

Please use this manual together with the service manual for model No. RX-7000/©, order No. RD81031835C1.

Main change
*Addition of circuit board
How to Distinguish the model between RX-7000/© and RX-7000/© supplement-1.
*The suffix is changed from A to B.

ADDITIONS

■ REPLACEMENT PARTS LIST

Ref. No.	Change of Part No.		Description	Per Set	Remarks	Price
	RX-7000/©	RX-7000/© (supplement-1)				
Q1201, 1202	———	2SC1684S	Transistor (si)	2		
D1201~1204	———	MA161	Diode (si)	4	S	
C1201	———	ECEA1HS100	10μF, 50 V, Electrolytic	1	S	
C1202	———	ECEA25Z4R7	4.7 μF, 25 V, Electrolytic	1	S	
R1201	———	ERD25TJ104	100 kΩ, 1/4 W, Carbon	1	S	
R1202	———	ERD25TJ474	470 kΩ, 1/4 W, Carbon	1	S	
R1203, 1204	———	ERD25FJ222	2.2 kΩ, 1/4 W, Carbon	2	S	
R1205	———	ERD25FJ332	3.3 kΩ, 1/4 W, Carbon	1	S	

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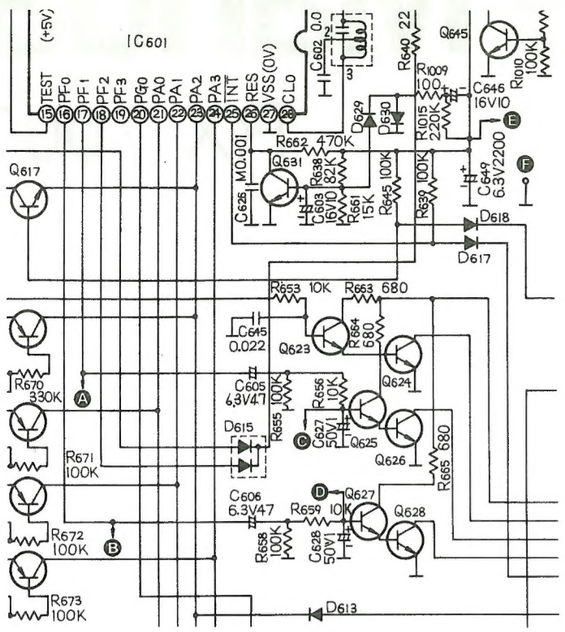
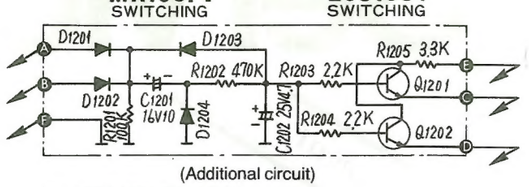
■ SCHEMATIC DIAGRAM (CONTROL CIRCUIT)



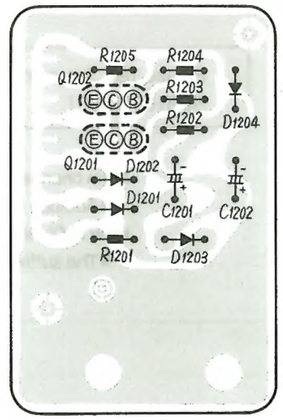
D1201~1204 **MA150FV** SWITCHING

Q1201,1202 **2SC1684** SWITCHING



(Additional circuit)

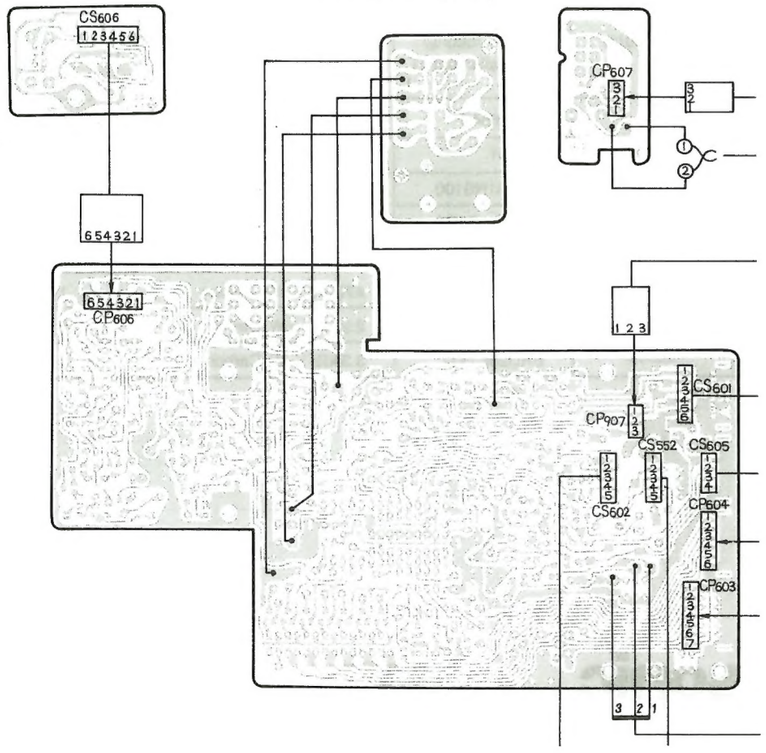
■ CIRCUIT BOARD



(Additional circuit board)

■ WIRING CONNECTION DIAGRAM

(Additional circuit board)



RD Ⓡ M/C
Printed in Japan

Service Bulletin

Consumer Audio

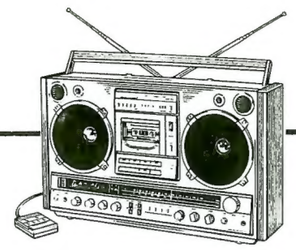
Number: A1-86-4

Date: January 1986

sushita Services Company
gineering Support Division
Division of Matsushita Electric
Corporation of America
50 Meadowland Parkway
Secaucus, New Jersey 07094

Model:

RX-7000/7200
FM/AM/FM Stereo Cassette Recorder



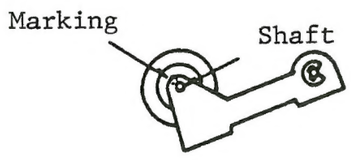
FILE THIS BULLETIN WITH YOUR SERVICE MANUAL.

INTRODUCTION OF COUNTERMEASURE PARTS

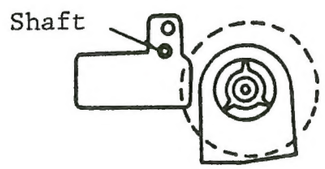
1) Used to service the problems below.
   Mechanical noise generated during PLAY mode.
   - Abnormal noise is emitted from the mechanism.
   - When using the built-in microphone, abnormal noise is recorded.

2) Individual replacement parts are not compatible with the old mechanism. Thus, replace the entire sub assembly that contains the defective part.
   - Differences between the new and old mechanisms as follows:

	PINCH ROLLER ASSEMBLY (M3)	PLAY CLUTCH ASSEMBLY (M25)
New mechanism	Shaft head is black, or the metal parts have black markings.	Shaft is made of semi-transparent plastic.
Old mechanism	No color markings.	Metal shaft.



M3 Pinch roller assembly



M25 Play clutch assembly

3) When assembling the mechanism, make sure that the steel balls (four large and one small) for the head chassis slide are in place.

4) Contents of repair kit are as follows:
   Play clutch assembly (M25) Part Number RFG6Y
   Reel table assembly (M4) Part Number RFJ11Y (2pcs use)
   Play clutch (M29) Part Number RFS115Z

# # #

Dist: A1,16,W-763